MICROWAVE OVEN

BASIC: SMH8165B
MODEL: SMH8165W
MODEL CODE: SMH8165W/XAC
Version: 00,01

SERVICE Manual

MICROWAVE OVEN

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4. Troubleshooting
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Refer to the service manual in the GSPN(see rear cover) for the more information.

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PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not operate or allow the oven to be operated with the door open.

(b) Make the following safety checks on all ovens to be serviced before activating the magnetron or other microwave source, and make repairs as necessary:
(1) Interlock operation,
(2) proper door closing,
(3) seal and sealing surfaces (arcing, wear, and other damage),
(4) damage to or loosening of hinges and latches,
(5) evidence of dropping or abuse.

(c) Before turning on microwave power for any service test or inspection within the microwave generating compartments, check the magnetron, wave guide or transmission line, and cavity for proper alignment, integrity, and connections.

(d) Any defective or misadjusted components in the interlock, monitor, door seal, and microwave generation and transmission systems shall be repaired, replaced, or adjusted by procedures described in this manual before the oven is released to the owner.

(e) A Microwave leakage check to verify compliance with the Federal performance standard should be performed on each oven prior to release to the owner.

1. Precaution

Follow these special safety precautions. Although the microwave oven is completely safe during ordinary use, repair work can be extremely hazardous due to possible exposure to microwave radiation, as well as potentially lethal high voltages and currents.

1-1 Safety precautions (⚠)

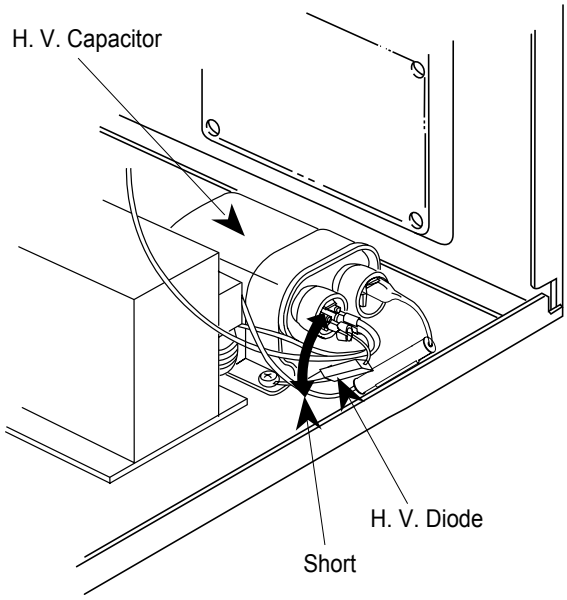
1. All repairs should be done in accordance with the procedures described in this manual. This product complies with Federal Performance Standard 21 CFR
2. Microwave emission check should be performed to prior to servicing if the oven is operative.
3. If the oven operates with the door open :Instruct the user not to operate the oven and contact the manufacturer and the center for devices and radiological health immediately.
4. Notify the Central Service Center if the microwave leakage exceeds 5 mW/cm2.
5. Check all grounds.
6. Do not power the MWO from a “2-prong” AC cord. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
7. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
8. Make sure that there are no cabinet openings through which people --particularly children--might insert objects and contact dangerous voltages. Examples: Lamp hole,ventilation slots.
9. Inform the manufacturer of any oven foundto have emission in excess of 5 mW/cm2 ,Make repairs to bring the unit into compliance at no cost to owner and try to determine cause. Instruct owner not to use oven until it has been brought into compliance.

   CENTRAL SERVICE CENTER
10. Service technicians should remove their watches while repairing an MWO.
11. To avoid any possible radiation hazard,replace parts in accordance with the wiring diagram. Also, use only the exact replacements for the following parts: Primary and secondary interlock switches, interlock monitor switch.
12. If the fuse is blown by the Interlock Monitor Switch: Replace all of the following at the same time: Primary, door sensing switch and power relay, as well as the Interlock Monitor Switch. The correct adjustment of these switches is described elsewhere in this manual. Make sure that the fuse has the correct rating for the particular model being repaired.
13. Design Alteration Warning: Use exact replacement parts only, i.e.,only those that are specified in thedrawings and parts lists of this manual. This is especially important for the Interlock switches, described above. Never alter or add to the mechanical or electrical design of the MWO. Any design changes or additions will void the manufacturer’s warranty. Always unplug the unit’s AC power cord from the AC power source before attempting to remove or reinstall any component or assembly.
14. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
15. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs). Examples include integrated circuits and field-effect transistors. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground.
16. Always connect a test instrument’s ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument’s ground lead last.
17. When checking the continuity of the witches or transformer, always make sure that the power is OFF, and one of the lead wires is disconnected.
18. Components that are critical for safety are indicated in the circuit diagram by shading, ⚠ or ⚠ .
19. Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

    NOTE : Connect the oven to a 20A. When connecting the oven to a 15A,make sure that circuit breaker can operate.

1-2 Special High Voltage Precautions

1. High Voltage Warning Do not attempt to measure any of the high voltages --this includes the filament voltage of the magnetron. High voltage is present during any cook cycle. Before touching any components or wiring, always unplug the oven and discharge the high voltage capacitor (See Figure 1-1)
2. The high-voltage capacitor remains charged about 30 seconds after disconnection. Short the negative terminal of the high-voltage capacitor to to the oven chassis. (Use a screwdriver.)
3. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.



PRECAUTION

There exists HIGH VOLTAGE ELECTRICITY with high current capabilities in the circuits of the HIGH VOLTAGE TRANSFORMER secondary and filament terminals. It is extremely dangerous to work on or near these circuits with the oven energized.

DO NOT measure the voltage in the high voltage circuit including filament voltage of magnetron.

PRECAUTION

Servicemen should remove their watches whenever working close to or replacing the magnetron.

PRECAUTION

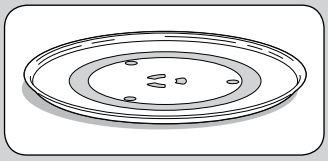
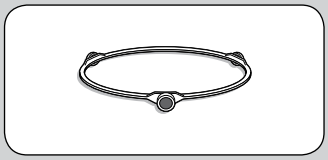
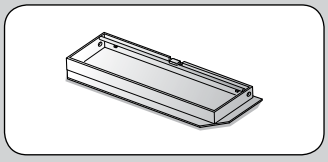
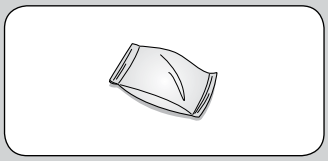
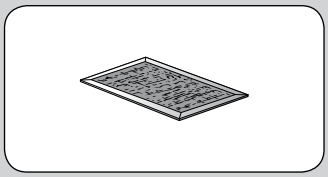
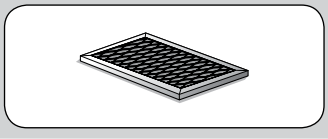
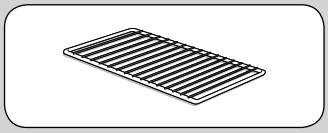
Never touch any circuit wiring with your hand nor with uninsulated tool during operation.

2. Specifications

2-1 Features

Product Features	
• Stirrer and Turntable	Continually rotates food to ensure even cooking.
• Instant Cook	Instant On Controls - Allow quick, one touch cooking and reheating.
• Venting System	Two speed, 300CFM venting system - Quickly removes smokr and steam from cook top

2-2 Accessory

Item	Description	Code No.	Q'ty
	GLASS TRAY	DE74-20016A	1
	ROLLER GUIDE RING	DE92-90495A	1
	EXHAUST ADAPTOR	DE92-90242D	1
	HARDWARE-KIT	DE92-90505E	1
	GREASE FILTER	DE63-00196B	1
	CHARCOAL FILTER	DE63-00367A	1
	RACK-WIRE	DE75-00032A	1

2. Specifications

2-3 Table of Specifications

Items	Basic Model	New Model
	SMH8165B/XAC (00,01)	SMH8165W/XAC (00,01)
Cavity Size (cu.ft.)	1.6	1.6
Power		
Power Source	120 V / 60 Hz	120 V / 60 Hz
Output Power (Watts)	950	950
Power Consumption (Watts/Amp)	1500	1500
Characteristics		
Control Method	Touch	Touch
Display	VFD 1LINE	VFD 1LINE
Sensor	Yes	Yes
Cooking Timer	99 min. 99 sec.	99 min. 99 sec.
Power Level	10	10
Auto Defrost	Yes	Yes
Auto Reheat	Yes	Yes
One Touch Instant Cook Pads	Yes	Yes
Handy Helper	Yes	Yes
Kids' Meals	Yes	Yes
Snack bar	Yes	Yes
More/Less	Yes	Yes
Cooking Stages	3	3
One Minute Plus	Yes	Yes
Clock	Yes	Yes
Kitchen Timer	Yes	Yes
Weight Option	Kg	Kg
Reminder End Signal On/Off	No	No
Child Safety Lock	No	No
Clock System Option (12 hrs / 24 hrs)	12 hrs	12 hrs
Demonstration Mode	No	No
Numeric Pads	0-9	0-9
Turntable Distribution	Stirrer + Turntable	Stirrer + Turntable
Turntable On/Off	No	No
End Signal Sound	Yes	Yes
Vent Fan CFM	300	300
Vent Orientation	Vertical	Vertical
Vent Fan Control	Hi/Lo/Off	Hi/Lo/Off
Cooktop Lighting	Hi/Lo/Off	Hi/Lo/Off
Cabinet Colour	STSS/Black/White	STSS/Black/White
Cavity Interior	Epoxy	Epoxy
Cabinet Dimensions W x H x D (inches)	29 7/8 x 16 1/2 x 15 1/16	29 7/8 x 16 1/2 x 15 1/16
Net Weight (lb)	STSS: 52.9 lbs / Plastic: 52.2 lbs	STSS: 52.9 lbs / Plastic: 52.2 lbs
Shipping Properties		
Shipping Dimensions W x H x D (inches)	33 3/8 x 19 15/16 x 19 13/32	33 3/8 x 19 15/16 x 19 13/32
Loading Q'ty (sets / 40ft)	330 (Jumbo)	330 (Jumbo)
Shipping Weight (lb)	60.2 lbs	60.2 lbs

MAGNETRON, MOTOR ASSEMBLY, VENT BLOWER AND HIGH VOLTAGE TRANSFORMER

Oven must be removed from wall.

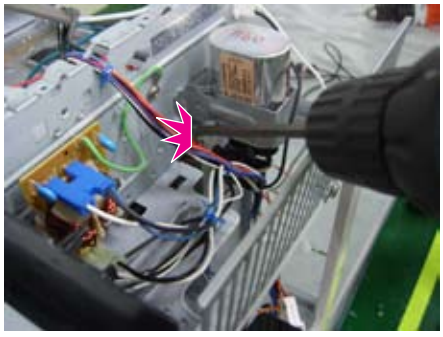
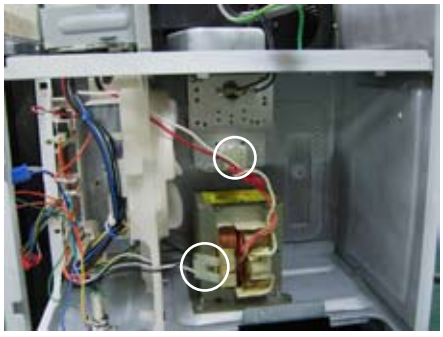
REMOVING OVEN FROM WALL (2 PEOPLE REQUIRED)

Oven is hooked on metal tabs at bottom of wall mounting plate and to cabinet by (3) top cabinet bolts.

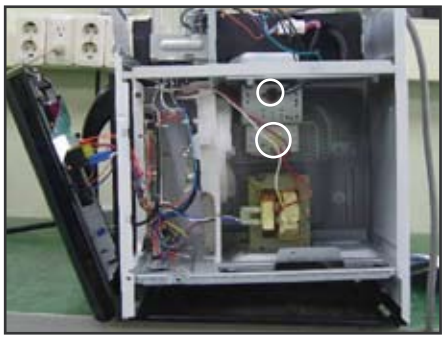
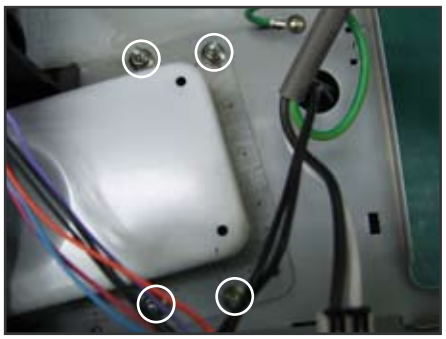
3-1 Replacement of High Voltage Transformer

Parts	Explaination Photo	Explaination
Grille		**1.** Disconnect oven power. **2.** Remove Grille. **1)** Remove 2 screws **2)** Slide the Grille to the left, then pull it straght out.
Panel Outer		**3.** Remove Panel Outer.

3-1 Replacement of High Voltage Transformer

<table>
<tr><th>Parts</th><th>Explaination Photo</th><th>Explaination</th></tr>
<tr><td rowspan="2">High voltage capacitor</td><td>  </td><td>4. Discharge the High voltage capacitor.</td></tr>
<tr><td>  </td><td>5. Disconnect all the leads.</td></tr>
<tr><td>Base Bottom</td><td> </td><td>6. Remove Base bottom.</td></tr>
<tr><td>HV Trans</td><td> </td><td>7. Take out the HV Trans.</td></tr>
</table>

3-2 Replacement of Magnetron

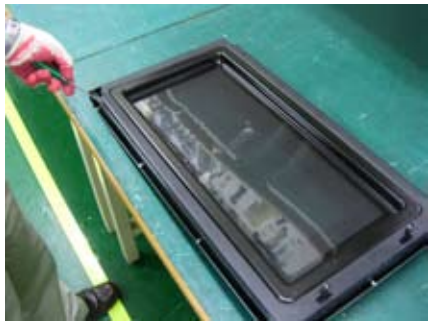
<table>
<tr><th>Parts</th><th>Explaination Photo</th><th>Explaination</th></tr>
<tr><td rowspan="2">Magnetron</td><td>  </td><td>Remove the magnetron including the shield case, permanent magnet, choke coils and capacitors (all of which are contained in one assembly).
1. Disconnect all lead wires from the magnetron.</td></tr>
<tr><td>  </td><td>2. Remove nuts (4) securing the magnetron to the wave guide.
3. Take out the magnetron very carefully.</td></tr>
<tr><td colspan="3">NOTE1: When removing the magnetron, make sure that it antenna does not hit any adjacentparts, or it may be damaged.
NOTE2: When replacing the magnetron, be sure to remount the magnetron gasket in the correct position and make sure the gasket is in good condition.</td></tr>
</table>

⚠ PRECAUTION

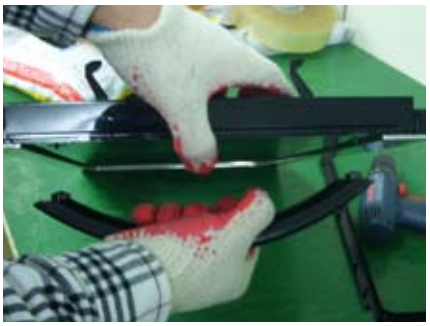
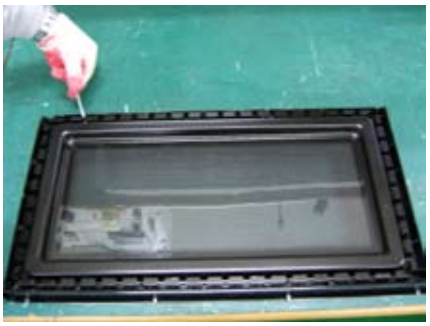
During replacement, be certain R.F. anode gasket is in place around anode stub.

PERFORM MICROWAVE LEAKAGE TEST

3-3 Replacement of Door Assembly

Parts	Disassembly Photo	Explanation
Removal of Door Assembly		**1.** Insert flat screwdriver into the gap between Door “A” and Door “C” to remove Door “C”. Be careful when handling Door “C” because it is fragile.Then remove the door assembly.
Removal of Door C	 	**2.** Insert flat screwdriver into the gap between Door “A” and Door “C” to remove Door “C”. • Becareful when handling Door “C” because it is fragile.
Removal of Key Door & Spring	 	**3.** Detach the spring and key door from Door.

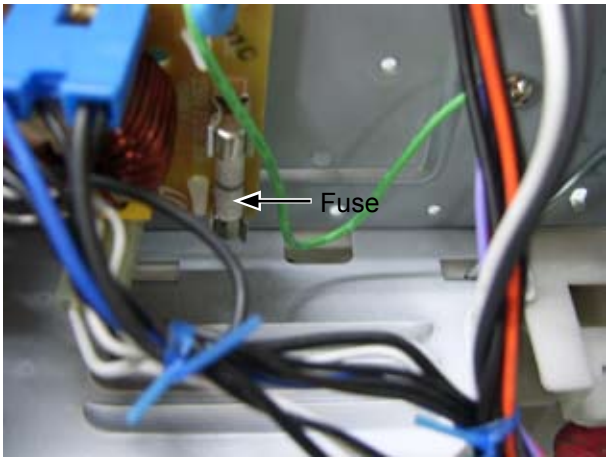
3-3 Replacement of Door Assembly

Removal of Handle	 	**4.** Remove 2 screws, then handle is detached from Door “A”.
Removal of Door “E”	 	**5.** Following the procedure as shown in the figure, insert and bend a thin metal plate between Door “E” and Door “A” until you hear the ‘tick’ sound. • Insertion depth of the thin metal plate should be 0.5mm or less.

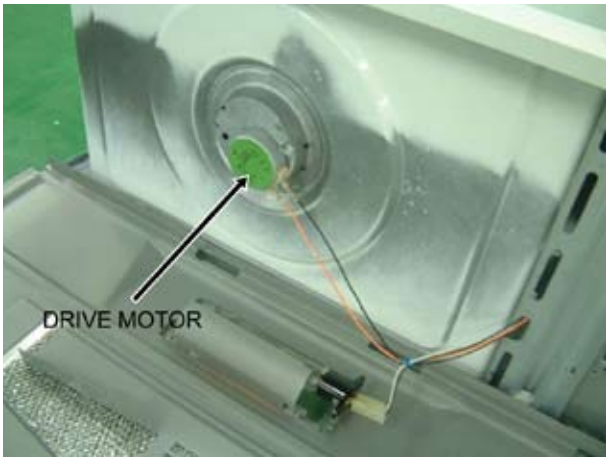
PRECAUTION

PERFORM MICROWAVE LEAKAGE TEST

3-4 Replacement of Fuse

Parts	Explaination Photo	Explaination
Fuse		The fuse is located on the noise filter. **1.** Disconnect power and remove grille. **2.** Replace the fuse. **3.** When 20A fuse blows out by the operation of interlock monitor switch failure, replace the primary interlock switch, secondary interlock switch, door sensing switch, interlock monitor switch and power relay. **4.** When the above four switches operate properly, check if any other part such as the control circuit board, blower motor or high voltage transformer is defective.

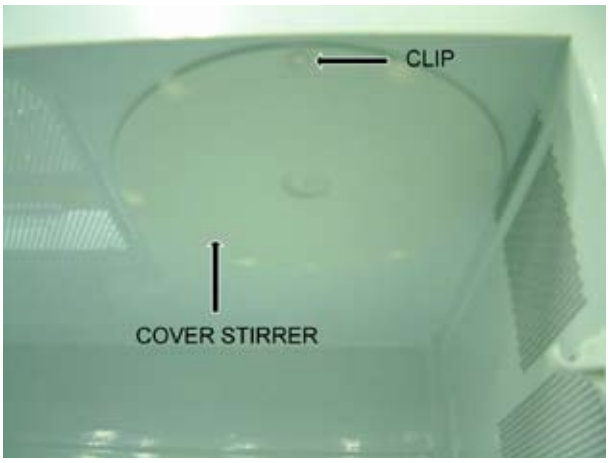
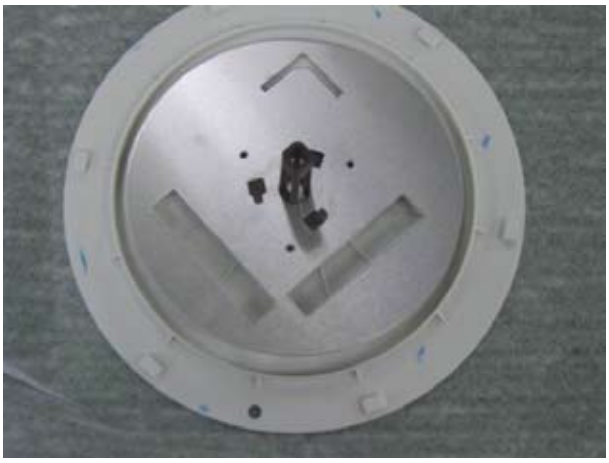
3-5 Replacement of Drive Motor

Parts	Explaination Photo	Explaination
Drive Motor		**1.** Disconnect power and remove bottom plate screws(5). **2.** Remove bottom plate and disconnect the turntable motor drive. **3.** Remove turntable motor screws(1) and pull the turntable motor out. **4.** When replacing the drive motor, be sure to remount it in the correct position with the coupler. **5.** Connect all the leads to the drive motor.

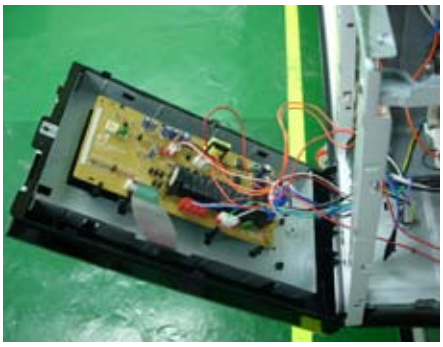
3-6 Replacement of stirrer motor

Parts	Explaination Photo	Explaination
Stirrer Motor		**1.** Disconnect power and remove Grille screws(3). **2.** Remove the bracket duct upper. **3.** Disconnect the stirrer motor wire. **4.** Remove stirrer motor screws(2) and pull the stirrer motor.

3-7 Removal of stirrer

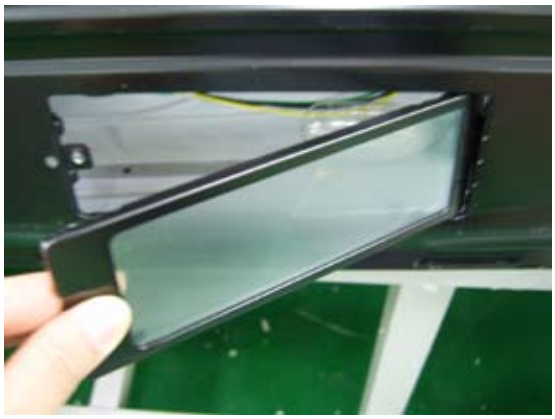
Parts	Explaination Photo	Explaination
Stirrer	 	The stirrer is motor driver and located on the upper side of the cavity. The oven uses a top feed wave guide. The stirrer is located in the wave guide and the motor is located on the wave guide. **1.** Disconnect power and open the door. **2.** Remove the clip and turn the stirrer cover left. **3.** Remove stirrer cover and the stirrer will come with it.

3-8 Replacement of Control Circuit Board

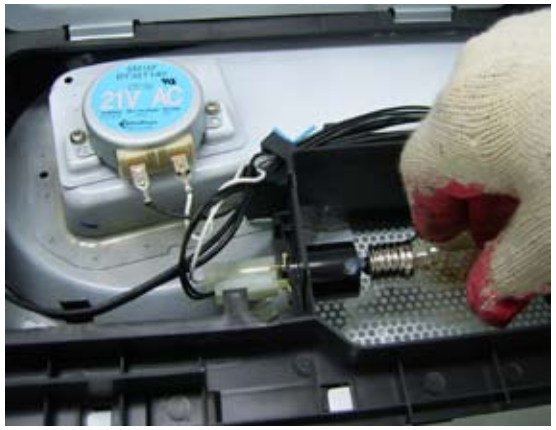
Parts	Explaination Photo	Explaination
Removal of Control Box Assembly		**1.** Disconnect power and remove grille. **2.** Be sure to ground any static electric charge in your body and never touch the control circuit. **3.** Remove a screw securing the control box assembly. **4.** Disconnect the connectors from the control circuit board.
Removal of P.C.B Assembly		**1.** Pull the lever end of the plastic fastener and remove the Flexible Printed Circuit(FPC) of membrane panel. **2.** Remove screws (4) securing the control circuit board. **3.** Lift up the control circuit board from the Ass'y control box. **4.** When reconnecting the FPC connector, make sure that the holes on the connector are properly engaged with the hooks on the Plastic Fastener.

3-9 Replacement of Cooktop lamp

When replacing the night light, make sure that you are wearing gloves to avoid injury from the heat of the bulb.

Parts	Explaination Photo	Explaination
Cooktop Lamp		**1.** Unplug the oven or turn off the power at the main power. **2.** Remove the bulb cover, and mounting screws. **3.** Replace the bulb with a 40 watt appliance bulb. **4.** Replace the bulb cover and mounting screws. **5.** Turn the power back on at the main power supply.

3-10 Replacement of Oven Light

Parts	Explaination Photo	Explaination
Oven Light		**1.** Remove the Grille **2.** Remove the bracket Duct upper by remove 1 screw. **3.** Replace the bulb with a 40 watt appliance bulb.

4. Troubleshooting

4-1 Error Code Numbering Rule

1. ERROR CODE NUMBERING RULE is applied to a microwave oven and an oven.(CMO, OTR, Grill, Convection, Commercial etc.)
2. All sensors and devices have their own number. ex) Gas Sensor = 1, Temp. Sensor = 2, ...
3. Of each device, No.1 and No.2 refer to “Open Error” (not sensed) and “Short Error”, respectively.
4. This numbering rule has been applied to models to have been developed since January, 1, 2005. (But, GE or Customize model are excluded.)

E	-	1	1

DEVICE	ERROR CASE
0- Others	1- Open
1- Gas Sensor	2- Short
2- Temp. Sensor	3- Max time
3- Weight Sensor	•
4- Easy/PH Sensor	•
5- EEPROM	
•	
•	
•	

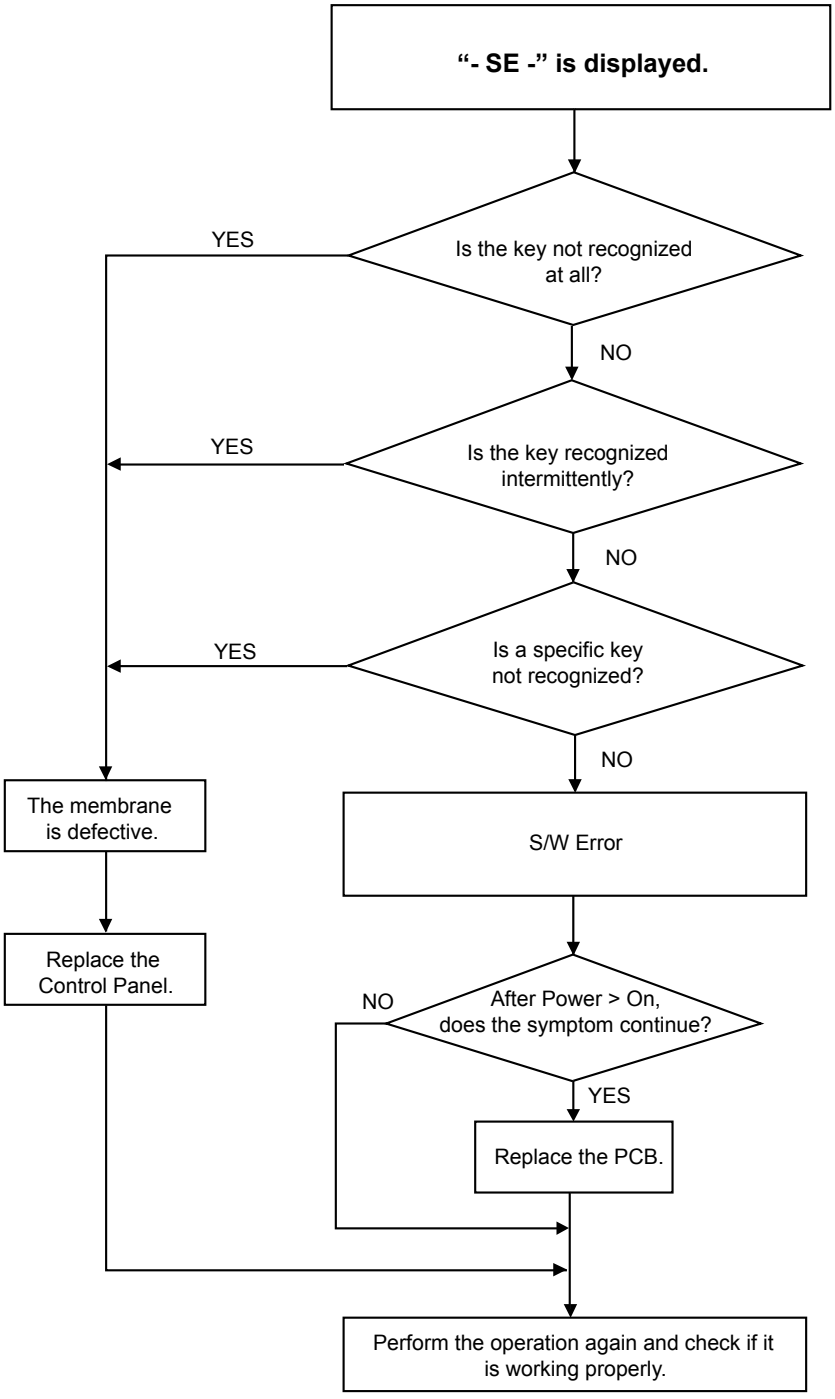
4-2 Error Code List

Error Code	Others (E-0X, Letter)	Solution	Page
-SE-	Key Short Error (10 seconds)	Turn off set and restart.	20 Page

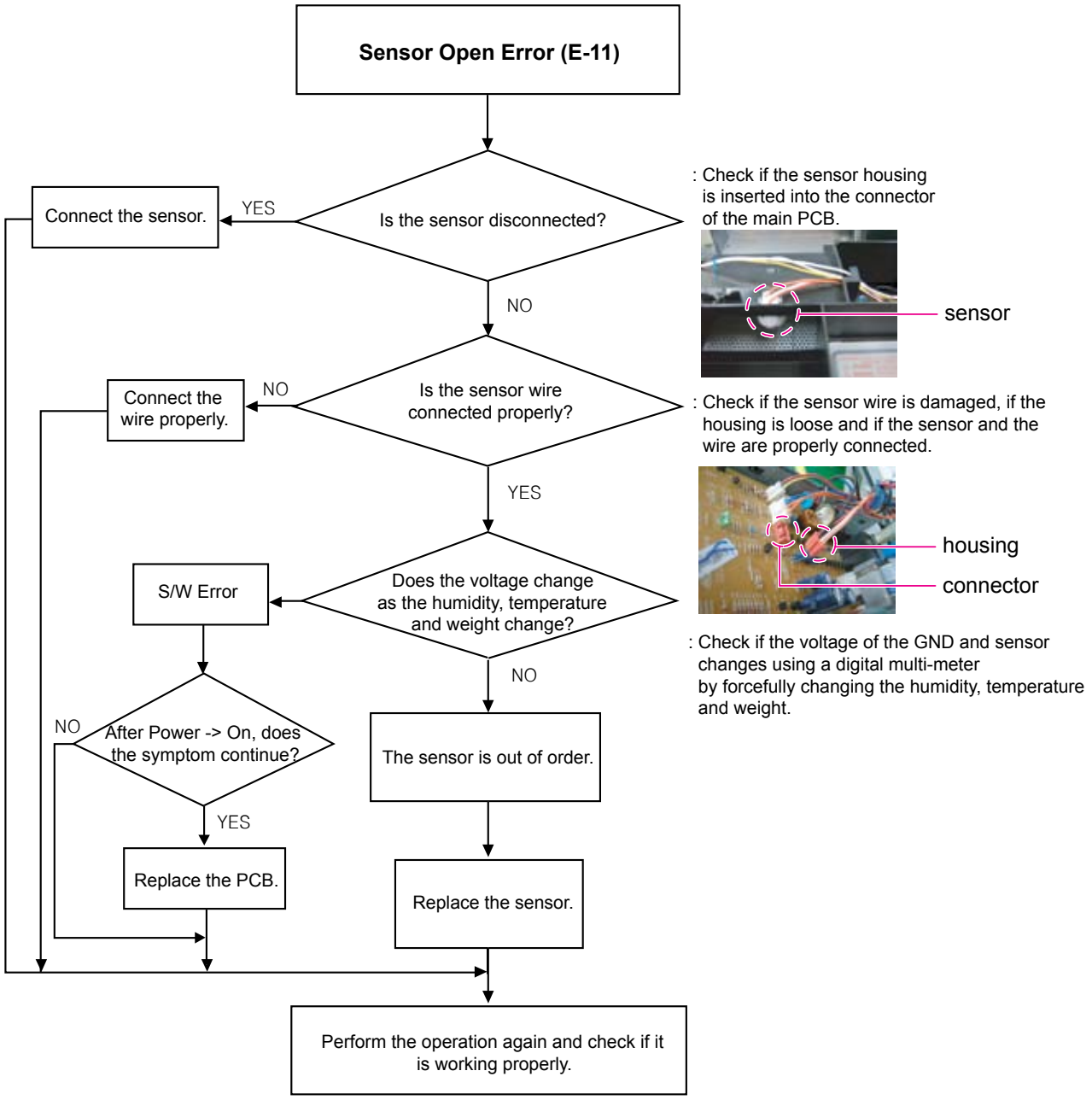
Error Code	Gas Sensor Error Case (E-1X)	Solution	Page
E-11	Open	Check Sensor part ,connection of sensor housing and PCB’s connector.	21 Page
E-12	Short		22 Page
E-13	T1 Max Time Error		23 Page
E-14	Dry Up / No Load	Insert food and restart.	

4-3 Electrical Malfunction

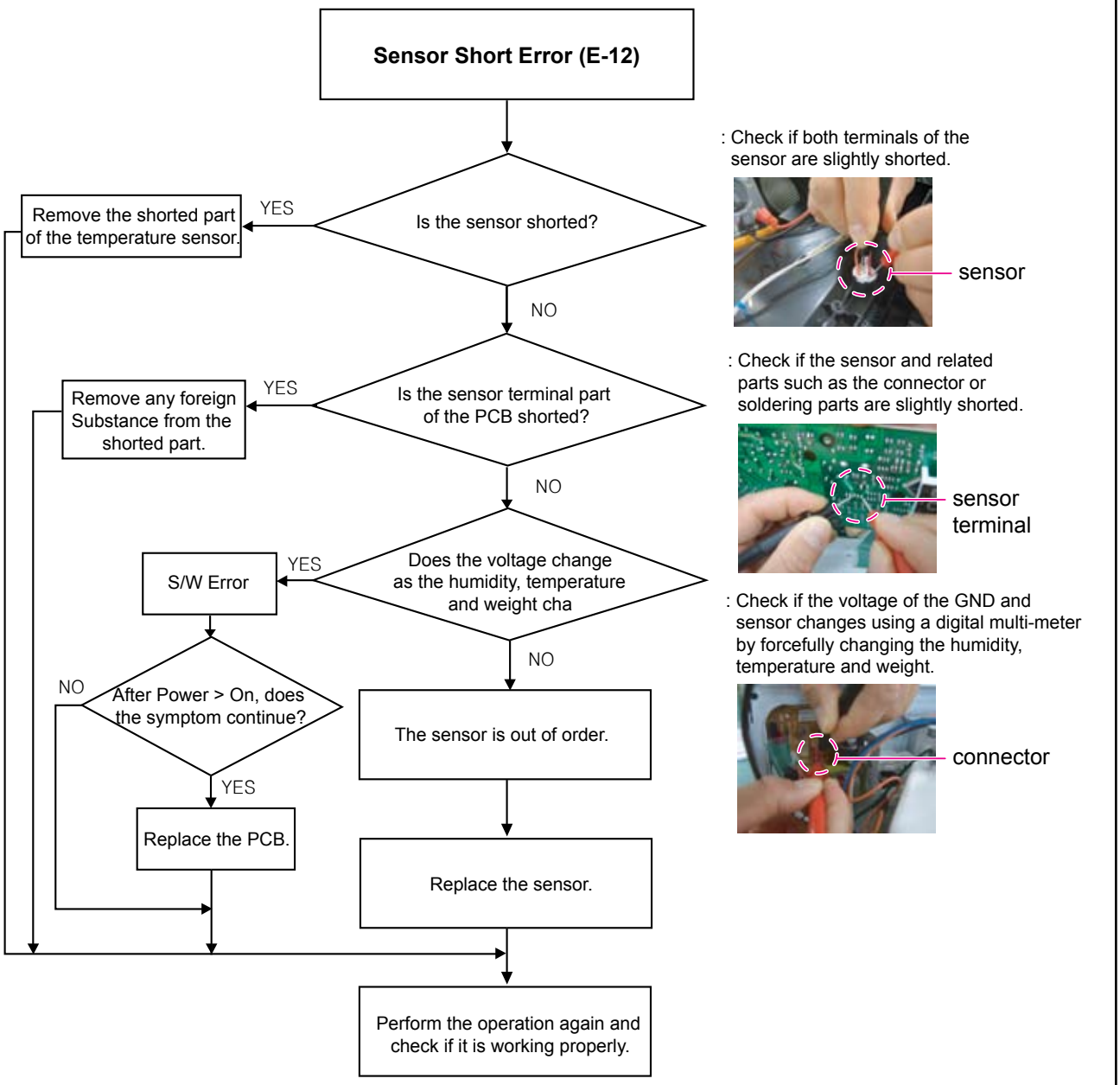
4-3-1 -SE-



4-3-2 E-11


Sensor Open Error (E-11)
Is the sensor disconnected?
YES
Connect the sensor.
NO
Is the sensor wire connected properly?
NO
Connect the wire properly.
YES
Does the voltage change as the humidity, temperature and weight change?
S/W Error
NO
After Power -> On, does the symptom continue?
NO
YES
Replace the PCB.
The sensor is out of order.
Replace the sensor.
Perform the operation again and check if it is working properly.
: Check if the sensor housing is inserted into the connector of the main PCB.
sensor
: Check if the sensor wire is damaged, if the housing is loose and if the sensor and the wire are properly connected.
housing
connector
: Check if the voltage of the GND and sensor changes using a digital multi-meter by forcefully changing the humidity, temperature and weight.

4-3-3 E-12

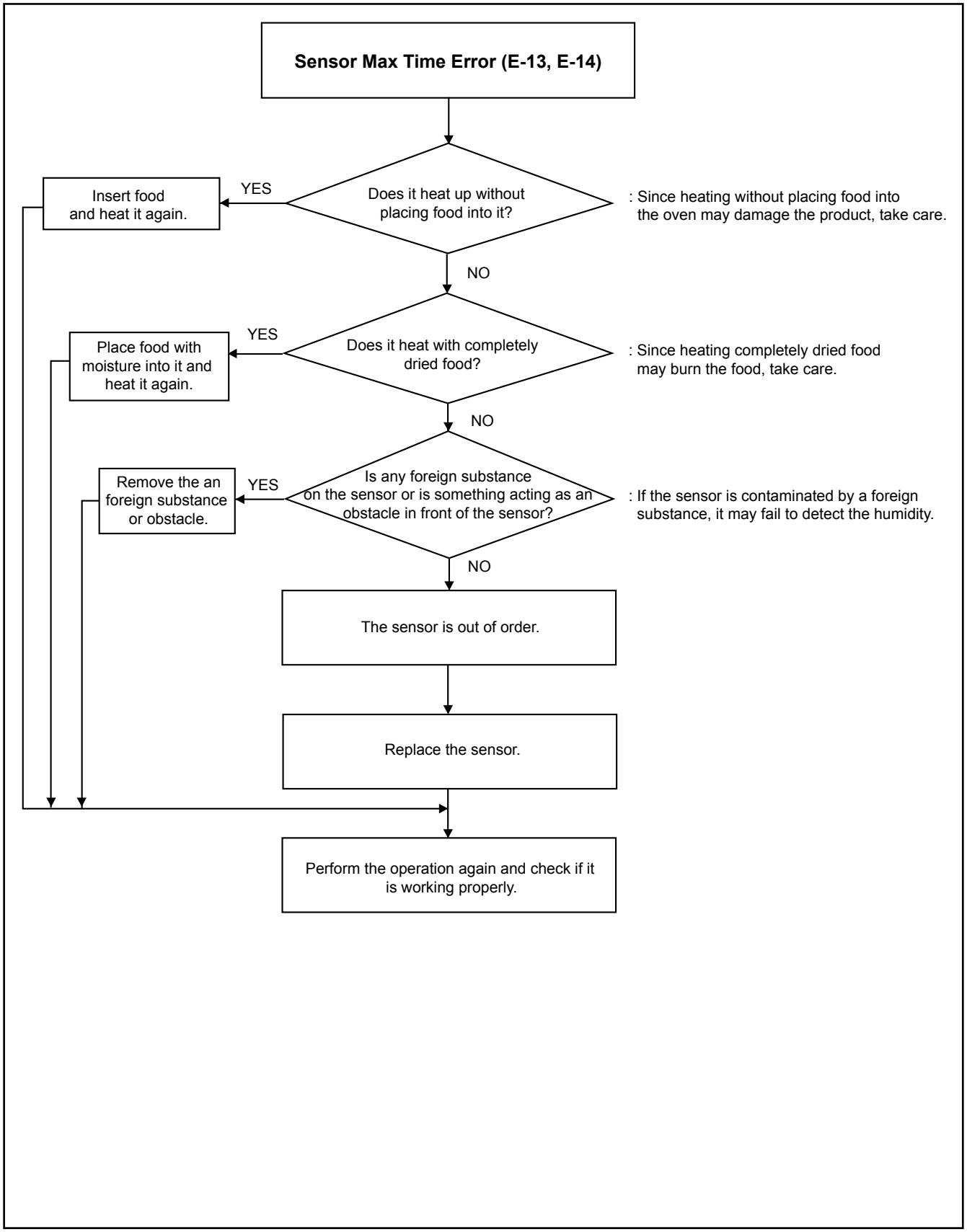

Sensor Short Error (E-12)
Is the sensor shorted?
YES
Remove the shorted part of the temperature sensor.
NO
Is the sensor terminal part of the PCB shorted?
YES
Remove any foreign Substance from the shorted part.
NO
Does the voltage change as the humidity, temperature and weight cha
YES
S/W Error
NO
After Power > On, does the symptom continue?
NO
YES
Replace the PCB.
The sensor is out of order.
Replace the sensor.
Perform the operation again and check if it is working properly.

: Check if both terminals of the sensor are slightly shorted.

: Check if the sensor and related parts such as the connector or soldering parts are slightly shorted.

: Check if the voltage of the GND and sensor changes using a digital multi-meter by forcefully changing the humidity, temperature and weight.

4-3-4 E-13, E-14

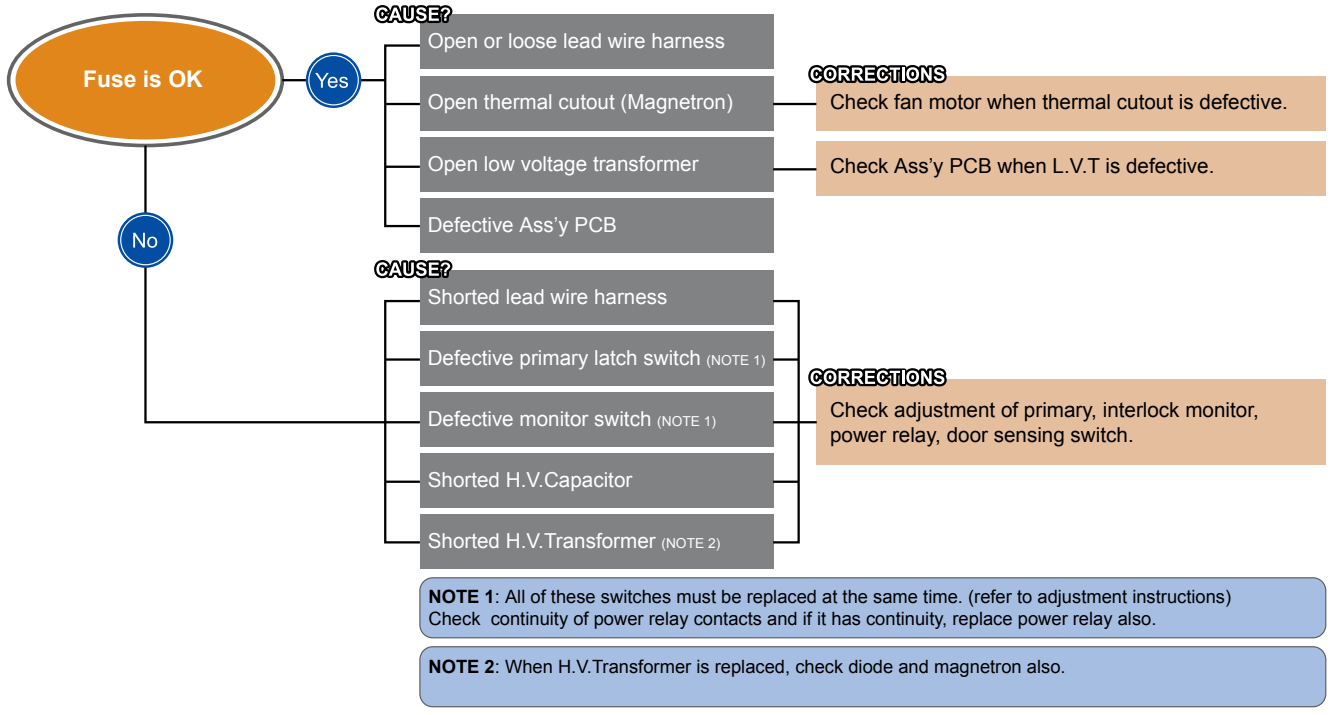

Sensor Max Time Error (E-13, E-14)
Does it heat up without placing food into it?
YES
Insert food and heat it again.
: Since heating without placing food into the oven may damage the product, take care.
NO
Does it heat with completely dried food?
YES
Place food with moisture into it and heat it again.
: Since heating completely dried food may burn the food, take care.
NO
Is any foreign substance on the sensor or is something acting as an obstacle in front of the sensor?
YES
Remove the an foreign substance or obstacle.
: If the sensor is contaminated by a foreign substance, it may fail to detect the humidity.
NO
The sensor is out of order.
Replace the sensor.
Perform the operation again and check if it is working properly.

PRECAUTION

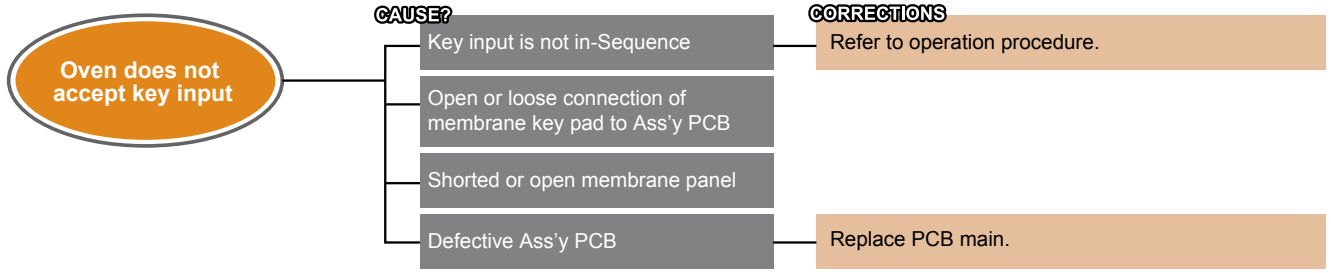
1. CHECK GROUNDING BEFORE CHECKING FOR TROUBLE.
2. BE CAREFUL OF THE HIGH VOLTAGE CIRCUIT.
3. DISCHARGE THE HIGH VOLTAGE CAPACITOR.
4. WHEN CHECKING THE CONTINUITY OF THE SWITCHES OR TRANSFORMER, DISCONNECT ONE LEAD WIRE FROM THESE PARTS AND THEN CHECK CONTINUITY WITHOUT THE POWER SOURCE ON. TO DO OTHERWISE MAY RESULT IN A FALSE READING OR DAMAGE TO YOUR METER.
5. DO NOT TOUCH ANY PART OF THE CIRCUIT OR THE CONTROL CIRCUIT BOARD, SINCE STATIC DISCHARGE MAY DAMAGE IT. ALWAYS TOUCH GROUND WHILE WORKING ON IT TO DISCHARGE ANY STATIC CHARGE BUILT UP.

4-4 Electrical Malfunction

Oven is dead. (No display and no operation at all.)


Fuse is OK
Yes
No
CAUSE?
Open or loose lead wire harness
Open thermal cutout (Magnetron)
Open low voltage transformer
Defective Ass'y PCB
CORRECTIONS
Check fan motor when thermal cutout is defective.
Check Ass'y PCB when L.V.T is defective.
CAUSE?
Shorted lead wire harness
Defective primary latch switch (NOTE 1)
Defective monitor switch (NOTE 1)
Shorted H.V.Capacitor
Shorted H.V.Transformer (NOTE 2)
CORRECTIONS
Check adjustment of primary, interlock monitor, power relay, door sensing switch.
NOTE 1: All of these switches must be replaced at the same time. (refer to adjustment instructions) Check continuity of power relay contacts and if it has continuity, replace power relay also.
NOTE 2: When H.V.Transformer is replaced, check diode and magnetron also.

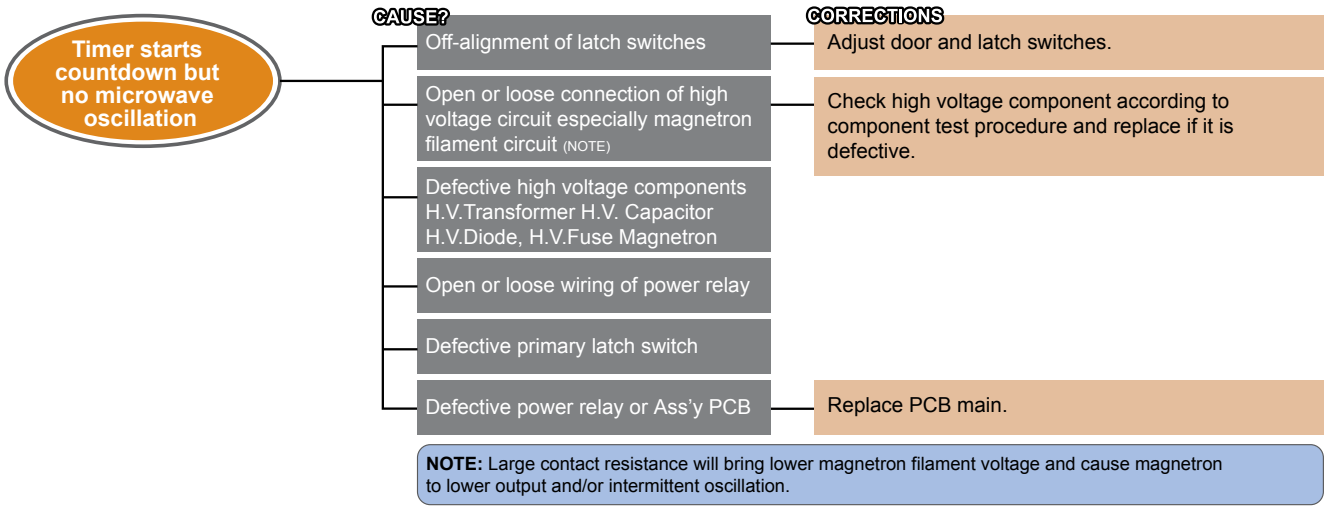
Oven does not accept key input (Program)


Oven does not accept key input
CAUSE?
Key input is not in-Sequence
Open or loose connection of membrane key pad to Ass'y PCB
Shorted or open membrane panel
Defective Ass'y PCB
CORRECTIONS
Refer to operation procedure.
Replace PCB main.

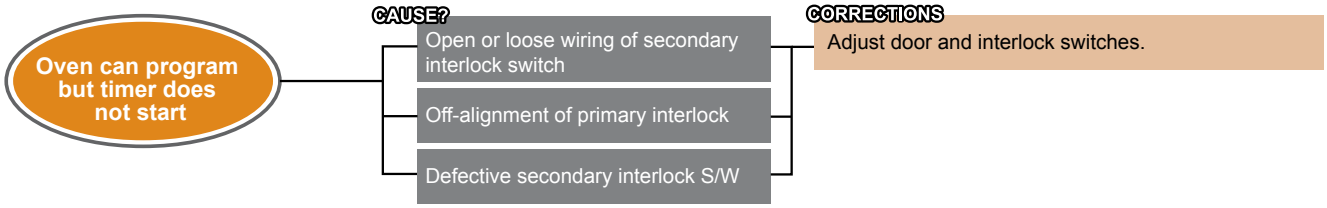
4. Troubleshooting

Timer starts countdown but no microwave oscillation.

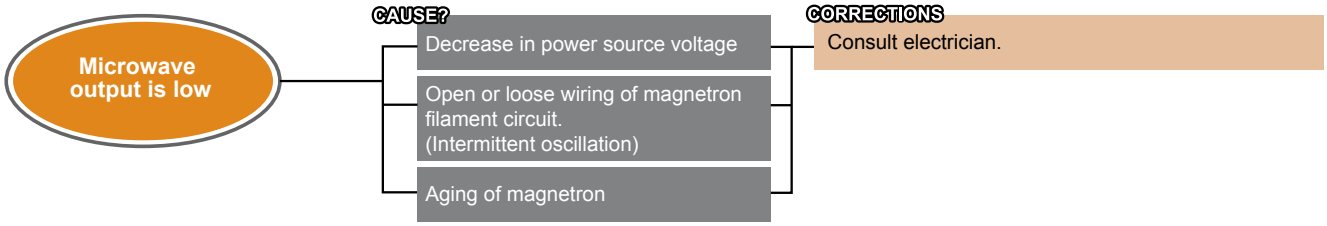
(No heat while oven lamp and fan motor turn on.)


Timer starts countdown but no microwave oscillation
CAUSE?
CORRECTIONS
Off-alignment of latch switches
Adjust door and latch switches.
Open or loose connection of high voltage circuit especially magnetron filament circuit (NOTE)
Check high voltage component according to component test procedure and replace if it is defective.
Defective high voltage components H.V.Transformer H.V. Capacitor H.V.Diode, H.V.Fuse Magnetron
Open or loose wiring of power relay
Defective primary latch switch
Defective power relay or Ass'y PCB
Replace PCB main.
NOTE: Large contact resistance will bring lower magnetron filament voltage and cause magnetron to lower output and/or intermittent oscillation.

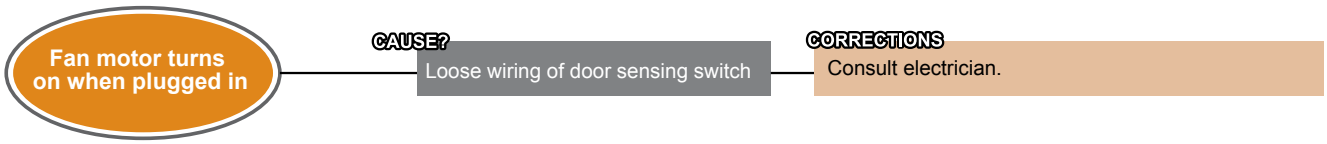
Oven can program but timer does not start.


Oven can program but timer does not start
CAUSE?
CORRECTIONS
Open or loose wiring of secondary interlock switch
Adjust door and interlock switches.
Off-alignment of primary interlock
Defective secondary interlock S/W

Microwave output is low. (Oven takes longer time to cook food.)



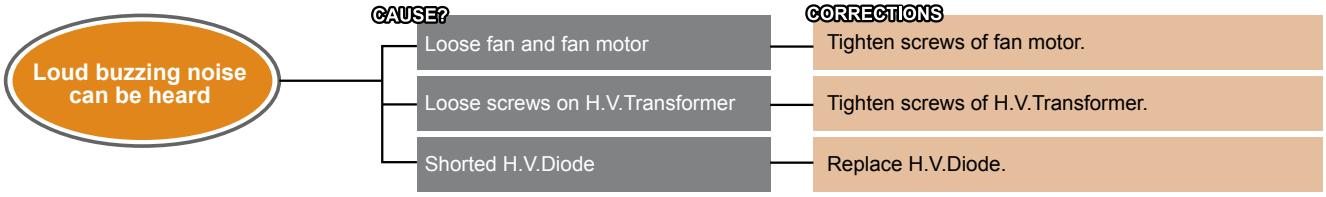
Fan motor turns on when plugged in.



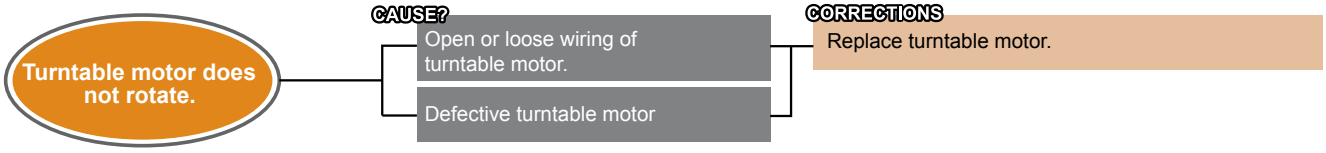
Oven does not operate and return to the plugged in mode.

4. Troubleshooting

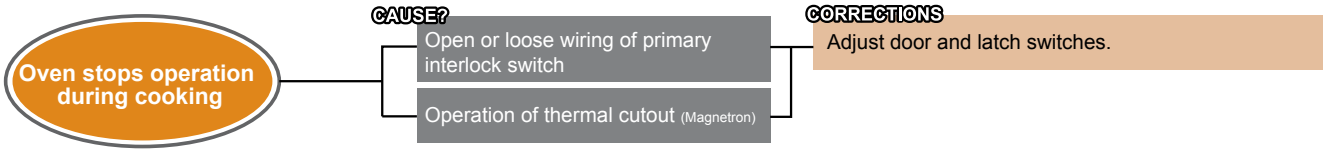
Loud buzzing noise can be heard.



Turntable motor does not rotate.



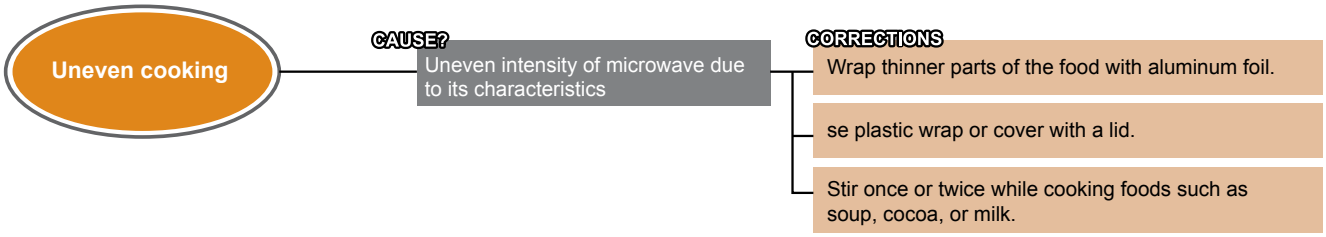
Oven stops operation during cooking.


Oven stops operation during cooking
CAUSE?
Open or loose wiring of primary interlock switch
Operation of thermal cutout (Magnetron)
CORRECTIONS
Adjust door and latch switches.

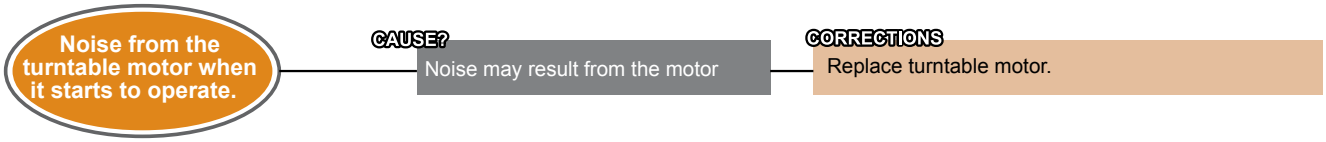
Sparks.

Sparks
CAUSE?
Metallic ware or cooking dishes touching on the oven wall
Ceramic ware trimmed with gold or silver powder also causes sparks
CORRECTIONS
Inform the customer: Do not use any type of cookware with metallic trimming

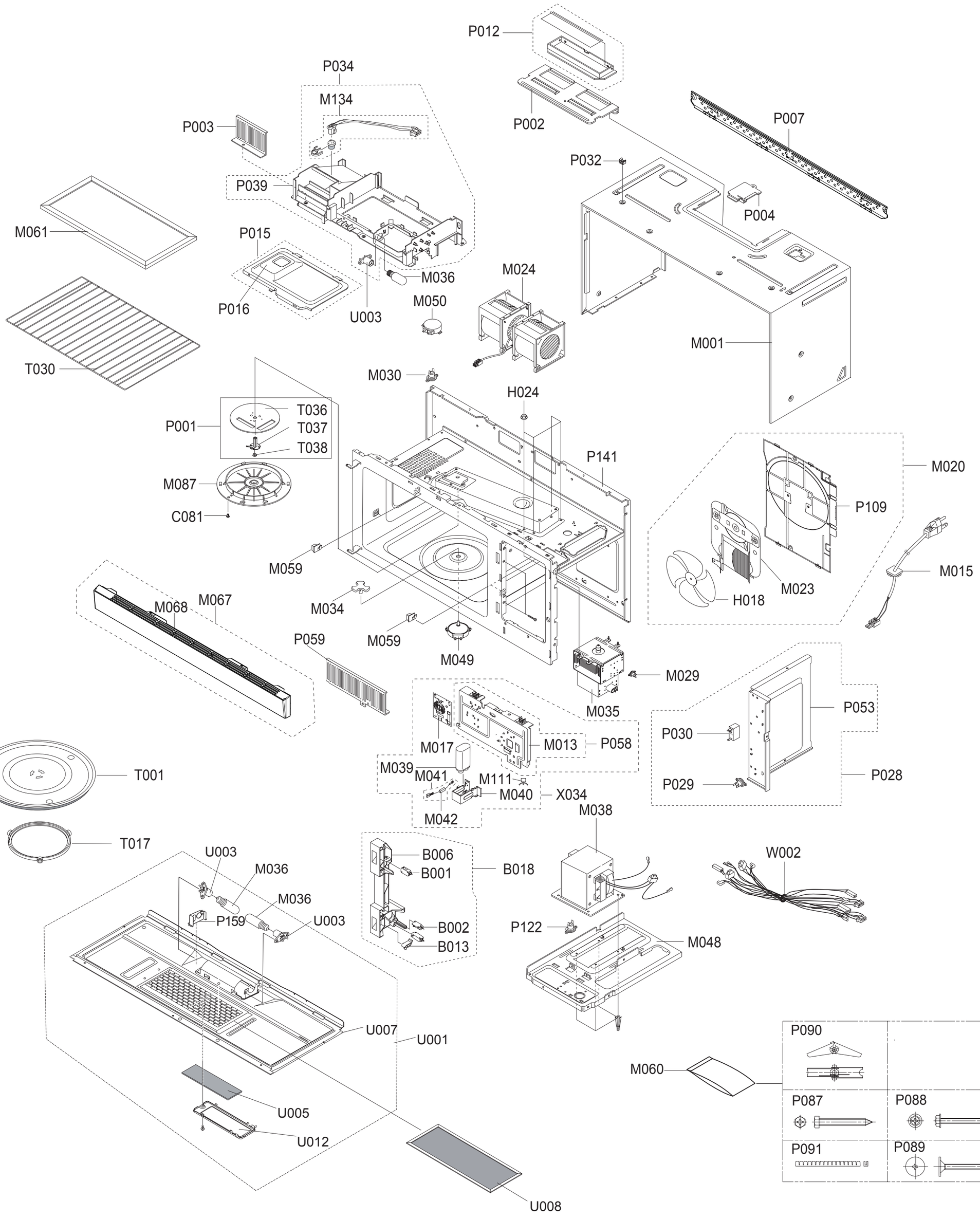
Uneven cooking.


Uneven cooking
CAUSE?
Uneven intensity of microwave due to its characteristics
CORRECTIONS
Wrap thinner parts of the food with aluminum foil.
se plastic wrap or cover with a lid.
Stir once or twice while cooking foods such as soup, cocoa, or milk.

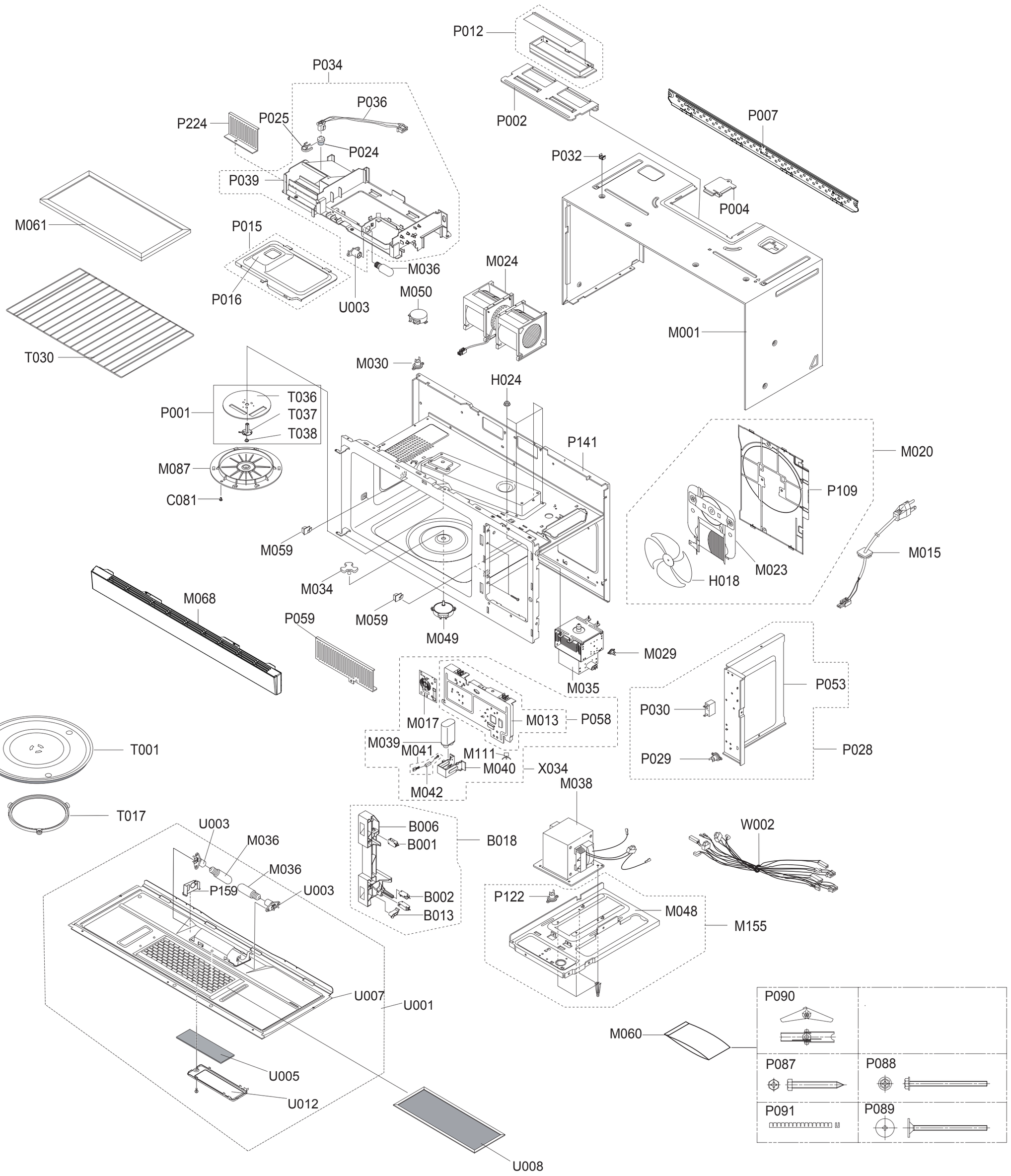
Noise from the turntable motor when it starts to operate.


Noise from the turntable motor when it starts to operate.
CAUSE?
Noise may result from the motor
CORRECTIONS
Replace turntable motor.

5-1 Exploded Views (00Version)



5-1 Exploded Views (01Version)



5-2 Version List (00,01Version)

(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Version	Description	Specification	Q'ty	SA/ SNA	Remark
C001	DE94-01806B	1	ASSY CONTROL PANEL	SMH8165WG/XAA,WHT,-,A	1	SA	-
C003	RAS-SM7GV-11	1	ASSY PCB PARTS	SMH8165(FIGARO),SMPS, 120	1	SA	-
C082	DE94-01807U	1	ASSY CONTROL BOX	SMH8165ST,120V60HZ,WHIT	1	SNA	-
C089	DE39-40673A	1	WIRE HARNESS-H	120V60HZ,OTR6 ALL MODEL,G	1	SA	-
D006	DE64-00337A	1	DOOR-C	MO1650WA,PP,T2.0,-,-,-,BLK,-	1	SA	-
D007	DE61-00048A	1	SPRING-KEY	BLUING,HSWR,PI1.95,D8.75,L43	1	SA	-
H018	DE31-90051A	1	BLADE-FAN	P.P,T,D130,-,-,-,-	1	SA	-
M020	DE92-90552F	1	ASSY MOTOR FAN	JVM1730/40/50,SMF-U1630A,	1	SA	-
M023	DE31-00044A	1	MOTOR FAN	SMF-U1630A,-,-,-,-,120V/60HZ,2	1	SA	-
M048	DE61-00906A	1	BASE-PLATE	OTR6/7,SECC,T0.6,-,-,-,-	1	SA	-
M049	DE31-10172C	1	MOTOR SYNCHRONOUS	SSM-16HR,OTR,FREE,3,60	1	SA	-
M068	DE64-01951B	1	GRILLE	SMH8165WG/XAA,PC,-,-,-,-,WHT,-	1	SNA	-
M155	DE97-00678A	1	ASSY-BASE PLATE	OTR6/7,-,BASE-PLATE T0.6	1	SA	-
M202	DE81-01614A	1	SPRING-BLADE	D1,0/D9.8,X7XCOILS=5,-,-,-,	1	SNA	BLADE FAN
P024	DE32-60011A	1	SENSOR-GAS	ST-MWO,-,-,-,-,-,-	1	SA	-
P025	DE61-90111A	1	HOLDER-SENSOR	-,POM(DURACON-M90-02),-,-,	1	SA	-
P034	DE92-90551D	1	ASSY-DUCT UPPER	JVM-1650/60,SENSOR(NEW S	1	SA	-
P036	DE39-40678A	1	WIRE HARNESS-S	120V60HZ,JVM1450,60,GE,-,	1	SA	-
P039	DE72-50098A	1	DUCT-UPPER	-,PP-G430,-,-,-,-,-	1	SA	-
P109	DE71-60455A	1	COVER-MOTOR	OTR7,PP,T1.5,G114,-,-,NTR,-	1	SA	-
P122	DE47-20059A	1	THERMOSTAT	PW-2N(8XV),125V15A,V,120/0,23	1	SA	-
P224	DE61-00346A	1	BRACKET BARRIER	MODULAR-OTR,SECC,T0.5,W7	1	SA	-
U003	DE47-00006A	1	HOLDER-LAMP	250V,75W,250X187 2POLE,OTR	1	SA	-
U008	DE63-00196A	1	FILTER-AIR	SMH7175,AL-MESH,T2.0,W150,L34	1	SA	-

5-3 Main Parts List (00Version)

(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
B001	3405-001034	SWITCH-MICRO	125/250VAC,16A,200GF,SPST-N	2	SA	-
B002	3405-001033	SWITCH-MICRO	125/250VAC 16A,200GF,SPSTNC	1	SA	-
B006	DE66-00168A	LATCH-BODY	MODULAR-2,PP,-,-,-,-,-	1	SA	-
B013	DE66-90106B	LEVER-SWITCH LOWER	PP,T1.4,-,-,2.0g,OTR	1	SA	-
B018	DE96-00414A	ASSY BODY LATCH	RVM-1625BJ,-	1	SA	-
C081	DE66-20095B	BUTTON-LOCK	-,-,OTR5,-,-,TB53)	1	SA	-
H018	DE31-90051A	BLADE-FAN	P.P,T,D130,-,-,-,-	1	SA	-
H024	DE60-30015A	NUT-FLANGE	M5,P0.8,MSWR10,FEFZY,-,-,-,-,	4	SA	MGT
M001	DE64-01683E	PANEL-OUTER	OTR6/7 (UPGRADE),SECC,T0.4,-	1	SA	-
M013	DE61-50463A	BRACKET-AIR GUIDE	-,SECC,T0.5,W144,L245,	1	SA	-
M015	DE96-00218A	ASSY-POWER CORD	OTR9,120V60HZ,GE,SJT3/14	1	SA	-
M017	DE96-00400A	ASSY NOISE FILTER	SN-UF12A,250V20A,OTR7,	1	SA	-
M020	DE92-90552C	ASSY MOTOR FAN	JVM-1650/1660	1	SA	-
M023	DE31-10177A	MOTOR-FAN	SMF-777UA,120V,60Hz,2700rpm,OT	1	SA	-
M024	DE31-00028G	MOTOR VENTILATION	-,SMV-360UA-AL,120V,60	1	SA	-
M029	DE47-20007A	THERMOSTAT	PW-2N(160/60)187Z,250V7.5A,16	1	SA	MGT
M030	DE47-20196A	THERMOSTAT	NT-101NA(8XV)P,100/0,250V/7.5	1	SA	CAVITY
M034	DE67-60012A	COUPLER	SPS,-,12G,-,-,-	1	SA	-
M035	OM75P(10)ESGN	ASSY-MGT		1	SA	-
M036	4713-001013	LAMP-INCANDESCENT	130V,-,40W,ORG,E17/20,	1	SA	-
M036	4713-001013	LAMP-INCANDESCENT	130V,-,40W,ORG,E17/20,	2	SA	-
M038	DE26-10136B	TRANS H.V	SHV-7778UCR,120V,60HZ,2280V,3.	1	SA	-
M039	2501-001202	C-OIL	0.83UF,2100VAC,BK,54X35X70MM,2	1	SA	-
M040	DE61-50120A	BRACKET-HVC	-,SECC,T0.5,W62,L72,-,-	1	SA	-
M041	DE91-70063D	ASSY-HVD	HV03-12,MWO-GE,RED	1	SA	-
M042	DE59-00002A	DIODE-H.V	2CL4512H,450mA, 13KV,MWO ALL,	1	SA	-
M048	DE80-10121B	BASE-PLATE	SSOTR7,SGCC1,T0.8,-,-,-,-	1	SA	-
M049	DE31-10172A	MOTOR-SYNCHRONOUS	M2HJ24Z709,ST-16F,21V,	1	SA	TURNTABLE
M050	DE31-10173A	MOTOR-SYNCHRONOUS	M2HJ29A709,ST-16F,21V,	1	SA	S/T
M059	DE61-00375A	HOLDER-RACK	OTR-1.5CUFT,PP,-,-,-,-,-	4	SA	-
M060	DE92-90505E	ASSY-HARD WARE	SMH7175,-,-,-	1	SA	-
M061	DE63-00367A	FILTER-CHARCOAL	OTR6/7,AL,CARBON,T9,W282	1	SA	-
M067	DE94-01819C	ASSY GRILLE	SMH8165W/XAC,-,WHITE,ARCADIA	1	SA	-
M068	DE64-01951B	GRILLE	SMH8165WG/XAA,PC,-,-,-,-,WHT,-	1	SNA	-
M087	DE71-60121A	COVER-STIRRER	-,PP,T2.0,W7,L198,-,85G,-	1	SA	-
M111	DE61-30129A	SUPPORTER-PCB	-,DASS-T9N,-,-,-,-,-	3	SA	-
M134	DE96-00733A	ASSY SENSOR	SMH8165,DAM-BWO-00,GAS SENSO	1	SA	-
P001	DE97-00178B	ASSY-STIRRER	OTR8 B/STIRRER+OTR8 H/STI	1	SA	-
P002	DE61-50545C	BRACKET-V/T MOTOR	OTR6/7,SECC,T0.6,-,-,-	1	SA	-
P003	DE61-50542A	BRACKET-FILTER	-,SECC,T0.6,W70,L144,-,-	1	SA	-
P004	DE61-50507A	BRACKET-POWER CORD	-,SECC,T0.4,W40,L56,O	1	SA	-
P007	DE70-00561A	PLATE-MOUNTING	GE 1.6 NEW APPEARANCE,GI,	1	SA	-
P012	DE92-90242E	ASSY-HOOD DAMPER	OTR 6/7,OUTSOURCING PAR	1	SA	PANEL OUTER

5-3 Main Parts List (Continued)

(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
P012	DE92-90242D	ASSY-HOOD DAMPER	JVM-1870,JVM250BL OTR4,	1	SA	-
P015	DE92-90509B	ASSY-BKT DUCT UPPER	OTR6,CAMCO,-,-,-,-	1	SNA	-
P016	DE61-50469A	BRACKET-DUCT UPPER	-,SECC,T0.4,W206,L272	1	SA	-
P028	DE92-90500B	ASSY DUCT SIDE	JVM-1429,1440BAC WAC	1	SA	-
P029	DE47-20020A	THERMOSTAT	PW-2R(40/70,Z,23.8),250V/7.5A	1	SA	-
P030	DE59-50002A	CAPACITOR-MOTOR	SH-M 10UF,220V10UF,-,DMB	1	SA	-
P032	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	1	SA	-
P032	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	2	SA	-
P034	DE92-90551H	ASSY-DUCT UPPER	SMH8165BG/XAA,NEW SENSOR	1	SNA	-
P039	DE72-50098A	DUCT-UPPER	-,PP-G430,-,-,-,-,-	1	SA	-
P053	DE72-50084B	DUCT-SIDE	OTR,SECC,T0.5,W256,L316,-,CAMC	1	SA	-
P058	DE61-50540C	BRACKET-AIR GUIDE-A	JVM-1660BBC,SECC,T0.	1	SA	-
P059	DE71-60384C	COVER-FRONT	OTR6/7,SECC,T0.6,-,-,-,-,-,-	1	SA	-
P087	DE60-10111A	SCREW-LAG	-,-,-,-,MSWR,W1/4X50,-,-,-,-	1	SNA	-
P088	DE60-20022A	BOLT-TOGGLE	MSWR,W3/16X75,-,-,-,-,-,-,-	3	SNA	-
P089	DE60-20066A	BOLT-FLAT	UNF1/4,L110,MSWR10,-,-,OTR6,-,	3	SNA	-
P090	DE60-30022A	NUT-TOGGLE	SBC1,ZPC2,WHT,-,-,-,-,-,-	3	SNA	-
P091	DE63-10011A	GROMMET	-,MS,-,-,-,DACB-16,-,-,-	2	SNA	-
P109	DE71-60455A	COVER-MOTOR	OTR7,PP,T1.5,G114,-,-,NTR,-	1	SA	-
P122	DE47-20059A	THERMOSTAT	PW-2N(8XV),125V15A,V,120/0,23	1	SA	-
P141	DE94-00789B	ASSY CAVITY-COATING	1.5CUFT(BEST BUY),CO	1	SNA	-
P159	DE61-00735A	BRACKET-LAMP	PCTO,SECC,T0.5,-,-,-,-	1	SA	-
T001	DE74-20016A	TRAY-COOKING	GLASS,T5.0,M551T,-,-	1	SA	-
T017	DE92-90495A	ASSY-GUIDE ROLLER	OTR6-ALL,T/T+S/T,PI-15	1	SA	-
T030	DE75-00032A	RACK-WIRE	SMH6150,MSWR,D5,W262,L463,-,SN	1	SA	-
T036	DE31-00016A	BLADE-STIRRER	JVM-1860,ALP1050,-,-,OD141	1	SNA	-
T037	DE61-00171A	HOLDER-STIRRER	OTR8,SPS,-,-,-,BRN,-	1	SNA	-
T038	DE61-90089B	HOLDER-TIP	OTR7,TEFLON(TPFE),-,-,-,-,4mm	1	SNA	-
U001	DE97-00679F	ASSY-BASE BOTTOM	SMH8165,WHT,-,-	1	SA	-
U003	DE47-00006A	HOLDER-LAMP	250V,75W,250X187 2POLE,OTR	1	SA	-
U003	DE47-00006A	HOLDER-LAMP	250V,75W,250X187 2POLE,OTR	2	SA	-
U005	DE67-40063A	GLASS-COOKTOP LAMP	-,GLASS,T3.2,W59,L159	1	SA	-
U007	DE61-00857D	BASE-BOTTOM	MAYTAG1.5/1.6,SECC,T0.4,-,-,	1	SA	-
U008	DE63-00196B	FILTER-AIR	SMH7175,SL-MESH,2.0,150,340,-	1	SA	-
U012	DE63-00100C	COVER-COOKTOP LAMP	OTR-9,SECC,T0.4,-,-,-	1	SA	-
W002	DE96-00492C	ASSY WIRE HARNESS-A	SMH8165B/XAC,120V/60	1	SA	-
X034	DE93-90107M	ASSY-BKT A/GUIDE	SMH8165B/XAC,SECA	1	SNA	-

5-3 Main Parts List (01Version)

(S.N.A : SERVICE NOT AVAILABLE)

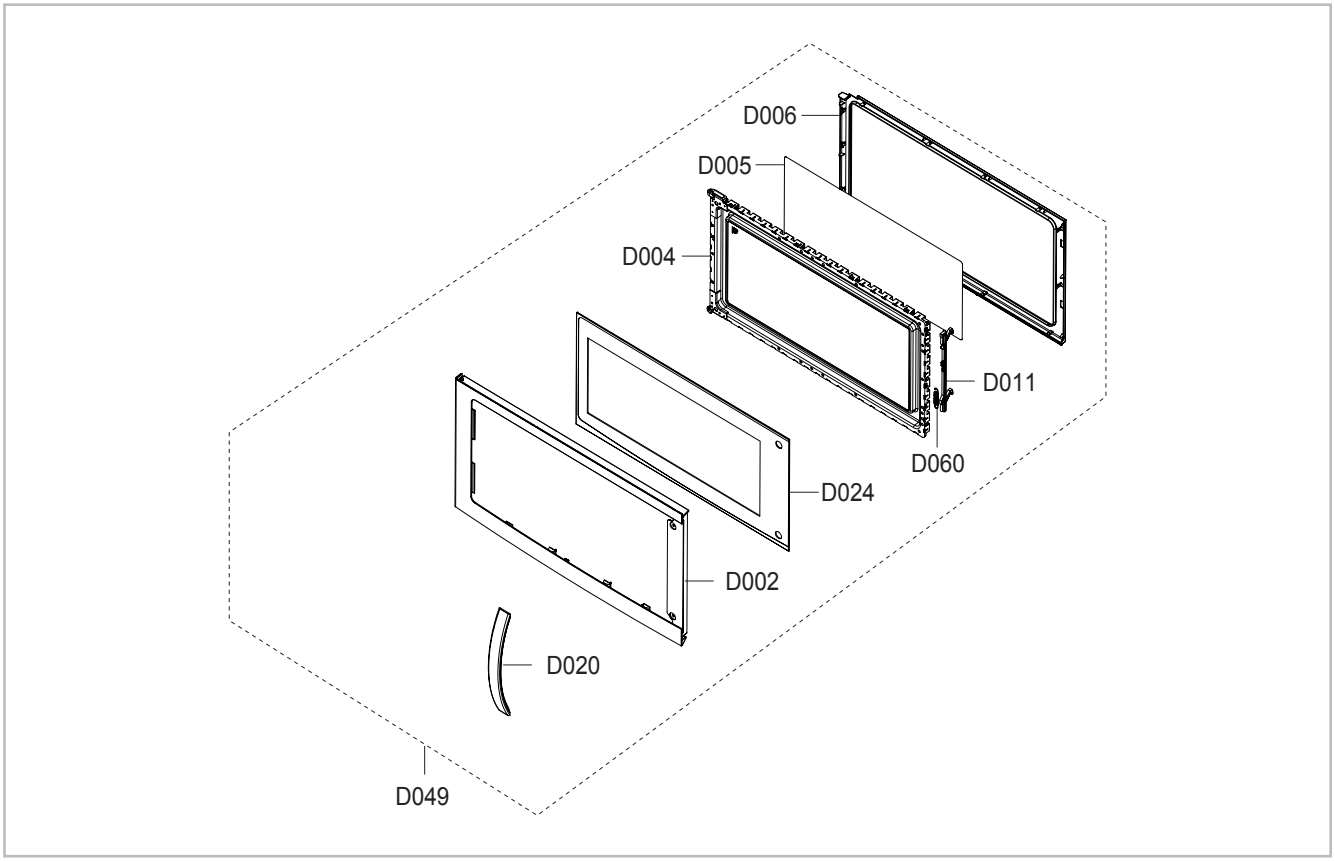
No.	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
B001	3405-001034	SWITCH-MICRO	125/250VAC,16A,200GF,SPST-N	2	SA	-
B002	3405-001033	SWITCH-MICRO	125/250VAC 16A,200GF,SPSTNC	1	SA	-
B006	DE66-00168A	LATCH-BODY	MODULAR-2,PP,-,-,-,-,-	1	SA	-
B013	DE66-90106B	LEVER-SWITCH LOWER	PP,T1.4,-,-,2.0g,OTR	1	SA	-
B018	DE96-00414A	ASSY BODY LATCH	RVM-1625BJ,-	1	SA	-
C081	DE66-20095B	BUTTON-LOCK	-,-,OTR5,-,-,TB53)	1	SA	-
H018	DE31-90051A	BLADE-FAN	P.P,T,D130,-,-,-,-	1	SA	-
H024	DE60-30015A	NUT-FLANGE	M5,P0.8,MSWR10,FEFZY,-,-,-,-,	4	SA	MGT
M001	DE64-01683E	PANEL-OUTER	OTR6/7 (UPGRADE),SECC,T0.4,-	1	SA	-
M013	DE61-50463A	BRACKET-AIR GUIDE	-,SECC,T0.5,W144,L245,	1	SA	-
M015	DE96-00218A	ASSY-POWER CORD	OTR9,120V60HZ,GE,SJT3/14	1	SA	-
M017	DE96-00400A	ASSY NOISE FILTER	SN-UF12A,250V20A,OTR7,	1	SA	-
M020	DE92-90552F	ASSY MOTOR FAN	JVM1730/40/50,SMF-U1630A,	1	SA	-
M023	DE31-00044A	MOTOR FAN	SMF-U1630A,-,-,-,-,120V/60HZ,2	1	SA	-
M024	DE31-00028G	MOTOR VENTILATION	-,SMV-360UA-AL,120V,60	1	SA	-
M029	DE47-20007A	THERMOSTAT	PW-2N(160/60)187Z,250V7.5A,16	1	SA	MGT
M030	DE47-20196A	THERMOSTAT	NT-101NA(8XV)P,100/0,250V/7.5	1	SA	CAVITY
M034	DE67-60012A	COUPLER	SPS,-,12G,-,-,-	1	SA	-
M035	OM75P(10)ESGN	ASSY-MGT		1	SA	-
M036	4713-001013	LAMP-INCANDESCENT	130V,-,40W,ORG,E17/20,	1	SA	-
M036	4713-001013	LAMP-INCANDESCENT	130V,-,40W,ORG,E17/20,	2	SA	-
M038	DE26-10136B	TRANS H.V	SHV-7778UCR,120V,60HZ,2280V,3.	1	SA	-
M039	2501-001202	C-OIL	0.83UF,2100VAC,BK,54X35X70MM,2	1	SA	-
M040	DE61-50120A	BRACKET-HVC	-,SECC,T0.5,W62,L72,-,-	1	SA	-
M041	DE91-70063D	ASSY-HVD	HV03-12,MWO-GE,RED	1	SA	-
M042	DE59-00002A	DIODE-H.V	2CL4512H,450mA, 13KV,MWO ALL,	1	SA	-
M048	DE61-00906A	BASE-PLATE	OTR6/7,SECC,T0.6,-,-,-,-	1	SA	-
M049	DE31-10172C	MOTOR SYNCHRONOUS	SSM-16HR,OTR,FREE,3,60	1	SA	-
M050	DE31-10173A	MOTOR-SYNCHRONOUS	M2HJ29A709,ST-16F,21V,	1	SA	S/T
M059	DE61-00375A	HOLDER-RACK	OTR-1.5CUFT,PP,-,-,-,-,-	4	SA	-
M060	DE92-90505E	ASSY-HARD WARE	SMH7175,-,-,-	1	SA	-
M061	DE63-00367A	FILTER-CHARCOAL	OTR6/7,AL,CARBON,T9,W282	1	SA	-
M068	DE64-01951B	GRILLE	SMH8165WG/XAA,PC,-,-,-,-,WHT,-	1	SNA	-
M087	DE71-60121A	COVER-STIRRER	-,PP,T2.0,W7,L198,-,85G,-	1	SA	-
M111	DE61-30129A	SUPPORTER-PCB	-,DASS-T9N,-,-,-,-,-	3	SA	-
M155	DE97-00678A	ASSY-BASE PLATE	OTR6/7,-,BASE-PLATE T0.6	1	SA	-
P001	DE97-00178B	ASSY-STIRRER	OTR8 B/STIRRER+OTR8 H/STI	1	SA	-
P002	DE61-50545C	BRACKET-V/T MOTOR	OTR6/7,SECC,T0.6,-,-,-	1	SA	-
P004	DE61-50507A	BRACKET-POWER CORD	-,SECC,T0.4,W40,L56,O	1	SA	-
P007	DE70-00561A	PLATE-MOUNTING	GE 1.6 NEW APPEARANCE,GI,	1	SA	-
P012	DE92-90242E	ASSY-HOOD DAMPER	OTR 6/7,OUTSOURCING PAR	1	SA	PANEL OUTER
P012	DE92-90242D	ASSY-HOOD DAMPER	JVM-1870,JVM250BL OTR4,	1	SA	-
P015	DE92-90509B	ASSY-BKT DUCT UPPER	OTR6,CAMCO,-,-,-,-	1	SNA	-

5-3 Main Parts List (Continued)

(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
P016	DE61-50469A	BRACKET-DUCT UPPER	-,SECC,T0.4,W206,L272	1	SA	-
P024	DE32-60011A	SENSOR-GAS	ST-MWO,-,-,-,-,-,-	1	SA	-
P025	DE61-90111A	HOLDER-SENSOR	-,POM(DURACON-M90-02),-,-	1	SA	-
P028	DE92-90500B	ASSY DUCT SIDE	JVM-1429,1440BAC WAC	1	SA	-
P029	DE47-20020A	THERMOSTAT	PW-2R(40/70,Z,23.8),250V/7.5A	1	SA	-
P030	DE59-50002A	CAPACITOR-MOTOR	SH-M 10UF,220V10UF,-,DMB	1	SA	-
P032	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	1	SA	-
P032	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	2	SA	-
P034	DE92-90551D	ASSY-DUCT UPPER	JVM-1650/60,SENSOR(NEW S	1	SA	-
P036	DE39-40678A	WIRE HARNESS-S	120V60HZ,JVM1450,60,GE,-,	1	SA	-
P039	DE72-50098A	DUCT-UPPER	-,PP-G430,-,-,-,-,-	1	SA	-
P053	DE72-50084B	DUCT-SIDE	OTR,SECC,T0.5,W256,L316,-,CAMC	1	SA	-
P058	DE61-50540C	BRACKET-AIR GUIDE-A	JVM-1660BBC,SECC,T0.	1	SA	-
P059	DE71-60384C	COVER-FRONT	OTR6/7,SECC,T0.6,-,-,-,-,-,-	1	SA	-
P087	DE60-10111A	SCREW-LAG	-,-,-,-,MSWR,W1/4X50,-,-,-,-	1	SNA	-
P088	DE60-20022A	BOLT-TOGGLE	MSWR,W3/16X75,-,-,-,-,-,-,-	3	SNA	-
P089	DE60-20066A	BOLT-FLAT	UNF1/4,L110,MSWR10,-,-,OTR6,-,	3	SNA	-
P090	DE60-30022A	NUT-TOGGLE	SBC1,ZPC2,WHT,-,-,-,-,-,-	3	SNA	-
P091	DE63-10011A	GROMMET	-,MS,-,-,-,DACB-16,-,-,-	1	SNA	-
P109	DE71-60455A	COVER-MOTOR	OTR7,PP,T1.5,G114,-,-,NTR,-	1	SA	-
P122	DE47-20059A	THERMOSTAT	PW-2N(8XV),125V15A,V,120/0,23	1	SA	-
P141	DE94-00789B	ASSY CAVITY-COATING	1.5CUFT(BEST BUY),CO	1	SNA	-
P159	DE61-00735A	BRACKET-LAMP	PCTO,SECC,T0.5,-,-,-,-	1	SA	-
P224	DE61-00346A	BRACKET BARRIER	MODULAR-OTR,SECC,T0.5,W7	1	SA	-
T001	DE74-20016A	TRAY-COOKING	GLASS,T5.0,M551T,-,-	1	SA	-
T017	DE92-90495A	ASSY-GUIDE ROLLER	OTR6-ALL,T/T+S/T,PI-15	1	SA	-
T030	DE75-00032A	RACK-WIRE	SMH6150,MSWR,D5,W262,L463,-,SN	1	SA	-
T036	DE31-00016A	BLADE-STIRRER	JVM-1860,ALP1050,-,-,OD141	1	SNA	-
T037	DE61-00171A	HOLDER-STIRRER	OTR8,SPS,-,-,-,BRN,-	1	SNA	-
T038	DE61-90089B	HOLDER-TIP	OTR7,TEFLON(TPFE),-,-,-,-,4mm	1	SNA	-
U001	DE97-00679F	ASSY-BASE BOTTOM	SMH8165,WHT,-,-	1	SA	-
U003	DE47-00006A	HOLDER-LAMP	250V,75W,250X187 2POLE,OTR	2	SA	-
U003	DE47-00006A	HOLDER-LAMP	250V,75W,250X187 2POLE,OTR	1	SA	-
U005	DE67-40063A	GLASS-COOKTOP LAMP	-,GLASS,T3.2,W59,L159	1	SA	-
U007	DE61-00857D	BASE-BOTTOM	MAYTAG1.5/1.6,SECC,T0.4,-,-,	1	SA	-
U008	DE63-00196A	FILTER-AIR	SMH7175,AL-MESH,T2.0,W150,L34	1	SA	-
U012	DE63-00100C	COVER-COOKTOP LAMP	OTR-9,SECC,T0.4,-,-,-	1	SA	-
W002	DE96-00492C	ASSY WIRE HARNESS-A	SMH8165B/XAC,120V/60	1	SA	-
X034	DE93-90107M	ASSY-BKT A/GUIDE	SMH8165B/XAC,SECA	1	SNA	-

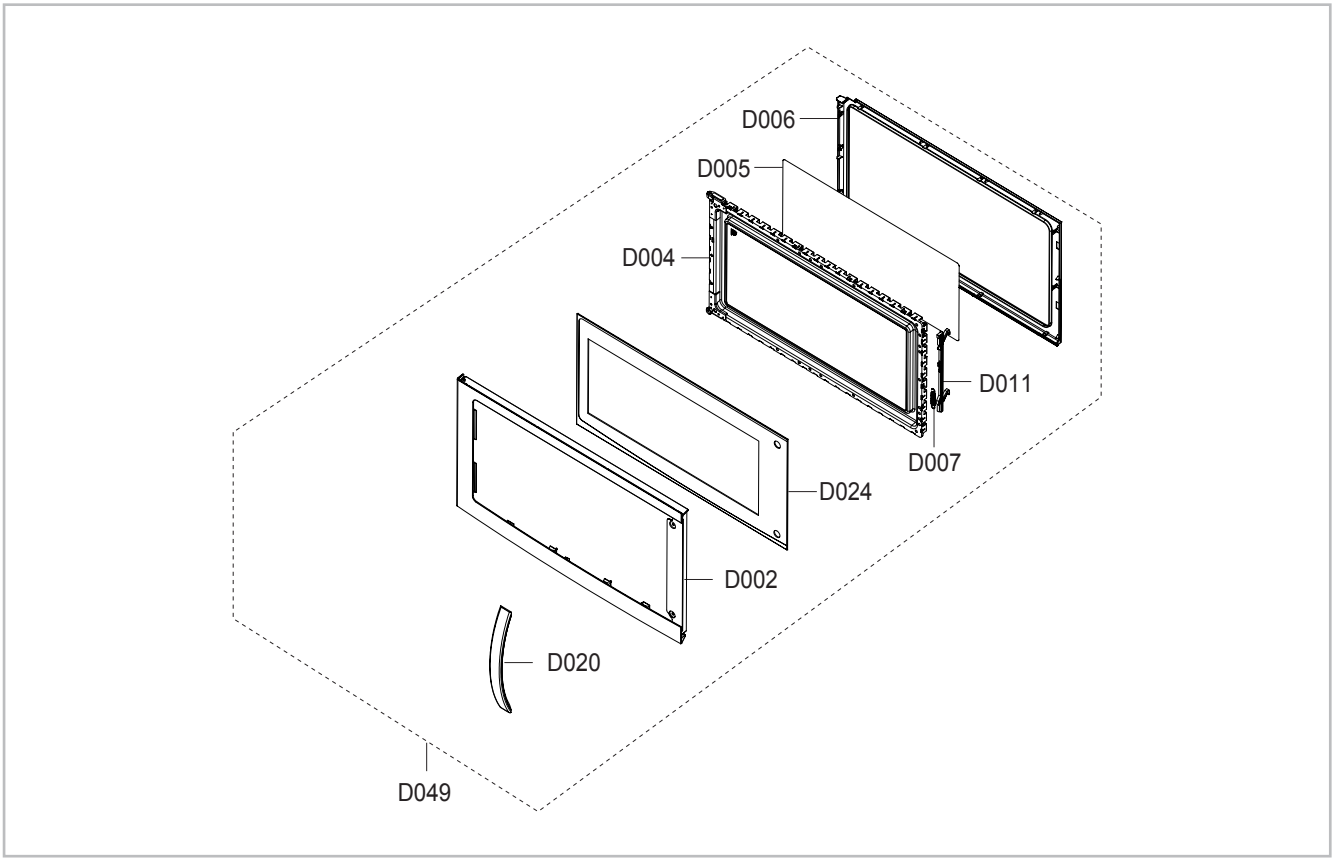
5-4 Door Parts List (00Version)



(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/SNA	Remark
D002	DE64-01949B	DOOR-A	SMH8165WG/XAA,PC,-,-,-,-,WHT,-	1	SA	-
D004	DE94-01469G	ASSY DOOR-E	MAYTAG1.5/1.6,-,COATING	1	SA	-
D005	DE01-00091A	FILM-DOOR	-,POLYESTER,-,L458,T0.015,W198	1	SA	-
D006	DE64-02056A	DOOR-C	SMH8165,PP,-,-,-,-,-,ARCADIA	1	SA	-
D011	DE64-01308A	DOOR-KEY	MODULAR-2,POM,-,-,-,-,BLK,-	1	SA	-
D020	DE94-01814B	ASSY HANDLE	SMH8165WG/XAA,-,WHT,ARCADIA	1	SA	-
D024	DE64-02053B	SCREEN-DOOR(B)	SMH8165,TEMPERED GLASS,T3	1	SA	-
D049	DE94-01811B	ASSY DOOR	SMH8165WG/XAA,-,-,ARCADIA WHT	1	SNA	-
D060	6107-001175	SPRING-ES	HSWR,BLUING,PI0.95,D8.5,L48.4	1	SNA	-

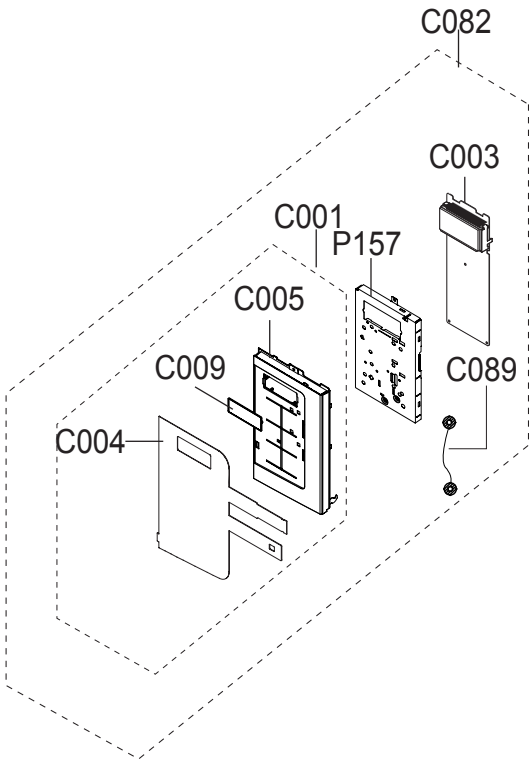
5-4 Door Parts List (01Version)



(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/SNA	Remark
D002	DE64-01949B	DOOR-A	SMH8165WG/XAA,PC,-,-,-,-,WHT,-	1	SA	-
D004	DE94-01469G	ASSY DOOR-E	MAYTAG1.5/1.6,-,COATING	1	SA	-
D005	DE01-00091A	FILM-DOOR	-,POLYESTER,-,L458,T0.015,W198	1	SA	-
D006	DE64-00337A	DOOR-C	MO1650WA,PP,T2.0,-,-,-,BLK,-	1	SA	-
D007	DE61-00048A	SPRING-KEY	BLUING,HSWR,PI1.95,D8.75,L43	1	SA	-
D011	DE64-01308A	DOOR-KEY	MODULAR-2,POM,-,-,-,-,BLK,-	1	SA	-
D020	DE94-01814B	ASSY HANDLE	SMH8165WG/XAA,-,WHT,ARCADIA	1	SA	-
D024	DE64-02053B	SCREEN-DOOR(B)	SMH8165,TEMPERED GLASS,T3	1	SA	-
D049	DE94-01811B	ASSY DOOR	SMH8165WG/XAA,-,-,ARCADIA WHT	1	SNA	-

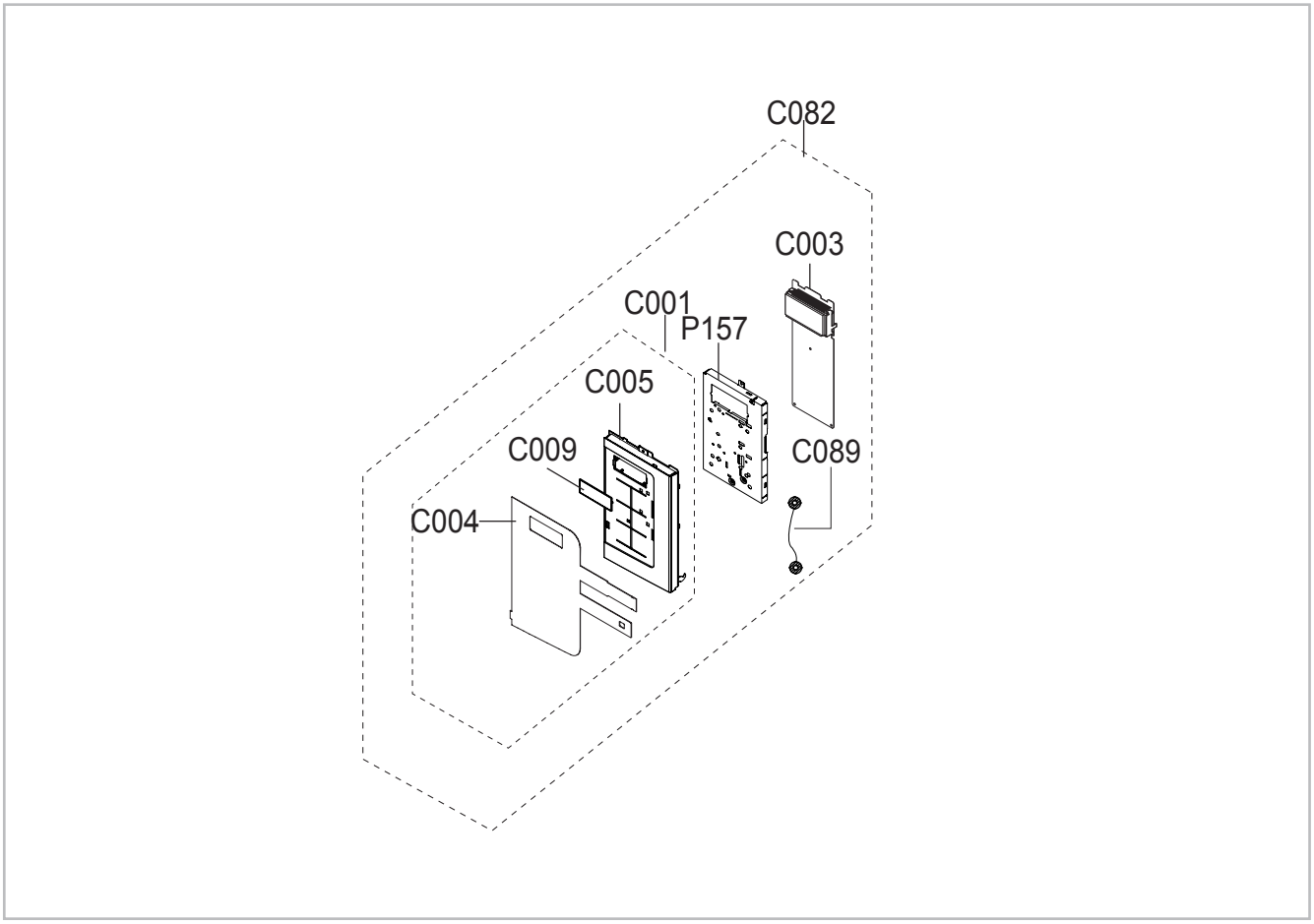
5-5 Control Parts List (00Version)



(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/SNA	Remark
C001	DE94-01806B	ASSY CONTROL PANEL	SMH8165WG/XAA,WHT,-,A	1	SA	-
C003	RAS-SM7FV-11	ASSY PCB PARTS	SMH8165(FIS),SMPS, 120V 6	1	SA	-
C004	DE34-00304B	SWITCH MEMBRANE	SMH8165WG/XAA,-,-,PET,-,	1	SA	-
C005	DE64-01950B	CONTROL-PANEL	SMH8165WG/XAA,PC,-,-,-,-,W	1	SA	-
C009	DE64-00766D	WINDOW-DISPLAY	SMH7185,SAN(CR-5381),-,W3	1	SA	-
C082	DE94-01807B	ASSY CONTROL BOX	SMH8165WG/XAA,120V60HZ,	1	SNA	-
C089	DE39-40673A	WIRE HARNESS-H	120V60HZ,OTR6 ALL MODEL,G	1	SA	-
P157	DE94-01810A	ASSY BRACKET C/PANEL	SMH8165BG/XAA,-,-,A	1	SA	-

5-5 Control Parts List (01Version)



(S.N.A : SERVICE NOT AVAILABLE)

No.	Code No.	Description	Specification	Q'ty	SA/SNA	Remark
C001	DE94-01806B	ASSY CONTROL PANEL	SMH8165WG/XAA,WHT,-,A	1	SA	-
C003	RAS-SM7GV-11	ASSY PCB PARTS	SMH8165(FIGARO),SMPS, 120	1	SA	-
C004	DE34-00304B	SWITCH MEMBRANE	SMH8165WG/XAA,-,-,PET,-,	1	SA	-
C005	DE64-01950B	CONTROL-PANEL	SMH8165WG/XAA,PC,-,-,-,-,W	1	SA	-
C009	DE64-00766D	WINDOW-DISPLAY	SMH7185,SAN(CR-5381),-,W3	1	SA	-
C082	DE94-01807U	ASSY CONTROL BOX	SMH8165ST,120V60HZ,WHIT	1	SNA	-
C089	DE39-40673A	WIRE HARNESS-H	120V60HZ,OTR6 ALL MODEL,G	1	SA	-
P157	DE94-01810A	ASSY BRACKET C/PANEL	SMH8165BG/XAA,-,-,A	1	SA	-

5-6 Standard Parts List (00Version)

(S.N.A : SERVICE NOT AVAILABLE)

Level	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
1-1	6002-000643	SCREW-TAPPING	TH,+,2S,M4,L10,ZPC(YEL),SW	2	SNA	BASE PLATE,CAVITY FRONT
1-1	6003-001568	SCREW-TAPTITE	FH,TORX,-,B-TITE,M4,L14,NI	2	SNA	B/D-LATCH
1-1	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	2	SA	P-CORD,WIRE HARNESS-H
1-1	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	2	SA	MGT TCO
1-1	DE60-10051A	SCREW-TAP PH	-,-,MSWR,-,PH,M4,-,L6,-,-	3	SA	S/T-MO,TURNTABLE MOTOR
1-1	DE60-10080A	SCREW-WASHER	-,-,-,-,M5,L12,-,2S,-,-	4	SA	HVT
1-1	DE60-10082I	SCREW-A	-,-,-,-,2S-4X10,FEFZY,-,-,-,-	15	SA	B.PLATE& CVT BACK,BKT MOUNTING PLATE,DUCT-SIDE,DUCT-UPPER,FAN-MOTOR,PANEL OUTER,VENT-MOTOR
1-1	DE60-30015A	NUT-FLANGE	M5,P0.8,MSWR10,FEFZY,-,-,-,-,	4	SA	MGT
1-2	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	1	SA	VENT. TCO
1-2	DE60-10082I	SCREW-A	-,-,-,-,2S-4X10,FEFZY,-,-,-,-	1	SA	CAPA.MOTOR
1-2	DE60-10111A	SCREW-LAG	-,-,-,-,MSWR,W1/4X50,-,-,-,-	1	SNA	-
1-2	DE60-20022A	BOLT-TOGGLE	MSWR,W3/16X75,-,-,-,-,-,-,-	3	SNA	-
1-2	DE60-20066A	BOLT-FLAT	UNF1/4,L110,MSWR10,-,-,OTR6,-,	3	SNA	-
1-2	DE60-30022A	NUT-TOGGLE	SBC1,ZPC2,WHT,-,-,-,-,-,-	3	SNA	-
1-1	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	1	SA	-
1-2	6002-001004	SCREW-TAPPING	TH,+,2,M4,L30,ZPC(YEL),SWR	2	SA	FAN MOTOR
1-2	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	2	SA	DIODE& BKT HVC,EARTH N.FILTER
1-3	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	2	SA	-
1-2	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(YEL),SWR	4	SNA	ASSY-PCB
1-2	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	1	SA	-
1-2	DE60-10062A	SCREW-TAP TH	-,-,FEFZB,-,TH,M4,-,L12,-,-	2	SNA	HANDLE
1-2	6002-000643	SCREW-TAPPING	TH,+,2S,M4,L10,ZPC(YEL),SW	1	SNA	-
1-2	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	1	SA	BOTTOM TCO
1-2	6002-001250	SCREW-TAPPING	TH,+,2,M4,L8,Tin-Ni,SWRC18	1	SNA	-
1-1	6002-001174	SCREW-TAPPING	FH,+,2S,M4,L12,NI PLT,MSWR	2	SNA	GRILLE
1-1	6002-001250	SCREW-TAPPING	TH,+,2,M4,L8,Tin-Ni,SWRC18	13	SNA	BKT V/T MOTOR,BOTTOM BASE,BRACKET POWER CORD,PANEL OUTER
1-1	DE60-10063A	SCREW-TAP TH	-,-,FEFN,-,TH,M4,-,L12,-,-	3	SNA	BKT DUCT UPPER,BKT FILTER,C/BOX

5-6 Standard Parts List (01Version)

(S.N.A : SERVICE NOT AVAILABLE)

Level	Code No.	Description	Specification	Q'ty	SA/ SNA	Remark
1-1	6002-000643	SCREW-TAPPING	TH,+,2S,M4,L10,ZPC(YEL),SW	2	SNA	BASE PLATE,CAVITY FRONT
1-1	6002-001173	SCREW-TAPPING	FH,+,2S,M4,L12,ZPC(BLK),MS	2	SNA	GRILLE
1-1	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	2	SA	P-CORD,WIRE HARNESS-H
1-1	DE60-10051A	SCREW-TAP PH	-,-,MSWR,-,PH,M4,-,L6,-,-	3	SA	S/T-MO,TURNTABLE MOTOR
1-1	DE60-10067A	SCREW-TAP TH	-,-,FEFZB,2-SLOT,TH,M4,-,L8	13	SA	BKT POWER CORD,BKT V/T MOTOR,BOTTOM BASE,PANEL OUTER
1-1	DE60-10080A	SCREW-WASHER	-,-,-,-,M5,L12,-,2S,-,-	4	SA	HVT
1-1	DE60-10082I	SCREW-A	-,-,-,-,2S-4X10,FEFZY,-,-,-,-	13	SA	B.PLATE& CVT BACK,DUCT-SIDE,DUCT-UPPER,FAN-MOTOR,PANEL OUTER,VENT-MOTOR
1-1	DE60-10062A	SCREW-TAP TH	-,-,FEFZB,-,TH,M4,-,L12,-,-	3	SNA	BKT DUCT UPPER,BKT FILTER,C/BOX
1-1	6003-001568	SCREW-TAPTITE	FH,TORX,-,B-TITE,M4,L14,NI	2	SNA	B/D-LATCH
1-1	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	1	SA	MGT TCO
1-1	DE60-30015A	NUT-FLANGE	M5,P0.8,MSWR10,FEFZY,-,-,-,-,	4	SA	MGT
1-1	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	1	SA	-
1-2	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	1	SA	VENT. TCO
1-2	DE60-10082I	SCREW-A	-,-,-,-,2S-4X10,FEFZY,-,-,-,-	1	SA	CAPA.MOTOR
1-2	DE60-10111A	SCREW-LAG	-,-,-,-,MSWR,W1/4X50,-,-,-,-	1	SNA	-
1-2	DE60-20022A	BOLT-TOGGLE	MSWR,W3/16X75,-,-,-,-,-,-,-	3	SNA	-
1-2	DE60-20066A	BOLT-FLAT	UNF1/4,L110,MSWR10,-,-,OTR6,-	3	SNA	-
1-2	DE60-30022A	NUT-TOGGLE	SBC1,ZPC2,WHT,-,-,-,-,-,-	3	SNA	-
1-2	6002-001004	SCREW-TAPPING	TH,+,2,M4,L30,ZPC(YEL),SWR	2	SA	FAN MOTOR
1-2	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	2	SA	DIODE& BKT HVC,EARTH N.FILTER
1-2	DE60-10062A	SCREW-TAP TH	-,-,FEFZB,-,TH,M4,-,L12,-,-	2	SNA	HANDLE
1-2	DE60-10045A	SCREW-TAP PH	-,-,FEFZY,-,PH,M3,-,L6,-,-	1	SA	BOTTOM TCO
1-2	DE60-10067A	SCREW-TAP TH	-,-,FEFZB,2-SLOT,TH,M4,-,L8	1	SA	-
1-2	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(YEL),SWR	4	SNA	ASSY-PCB
1-2	6006-001170	SCREW-ASSY TAPP	WS,TH,+,M4,L10,ZPC(YEL)	1	SA	-
1-3	DE92-90508A	ASSY-HOLDER NUT	OTR6,-,-,-,-,-	2	SA	-

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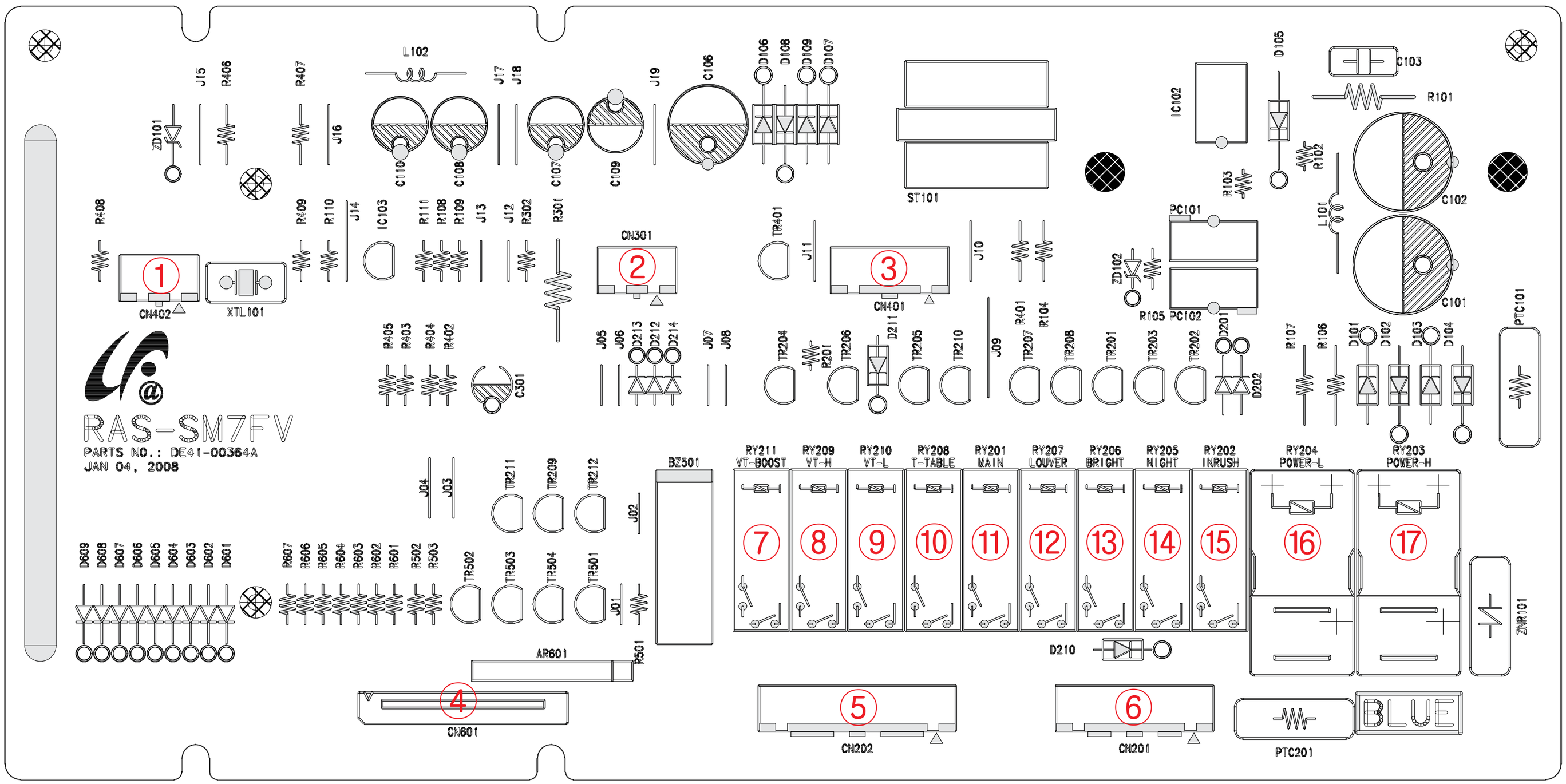

No.	Parts Number	Part Name	Function and Rule
1	CN402	Louver switch connector	Connected to louver switch
2	CN301	Gas sensor connector	Connected to gas sensor
3	CN401	Door switch & Hood T.C.O connector	Connected to door switch & hood T.C.O
4	CN601	Membrane switch connector	Connected to membrane switch
5	CN202	Cook top Lamp,T/T & Vent Relay connector	Connected to cook top lamp, T/T & Vent motor
6	CN201	AC Power(LIVE), Oven lamp & Louver relay connector	Connected to AC Power(LIVE), Oven lamp & Louver motor
7	RY211	Vent boost relay	Vent motor speed control
8	RY209	Vent high relay	Vent motor speed control
9	RY210	Vent low relay	Vent motor speed control
10	RY208	Turn table relay	Turn table motor control
11	RY201	Main relay	Cooling fan, oven lamp & stirrer motor control
12	RY207	Louver relay	Louver motor control
13	RY206	Lamp bright relay	Cook top brightness control
14	RY205	Lamp night relay	Cook top brightness control
15	RY202	Inrush relay	Decrease inrush current
16	RY204	Power low relay	MWO power control
17	RY203	Power high relay	MWO power control

6-2 PCB Diagrams (00Version)

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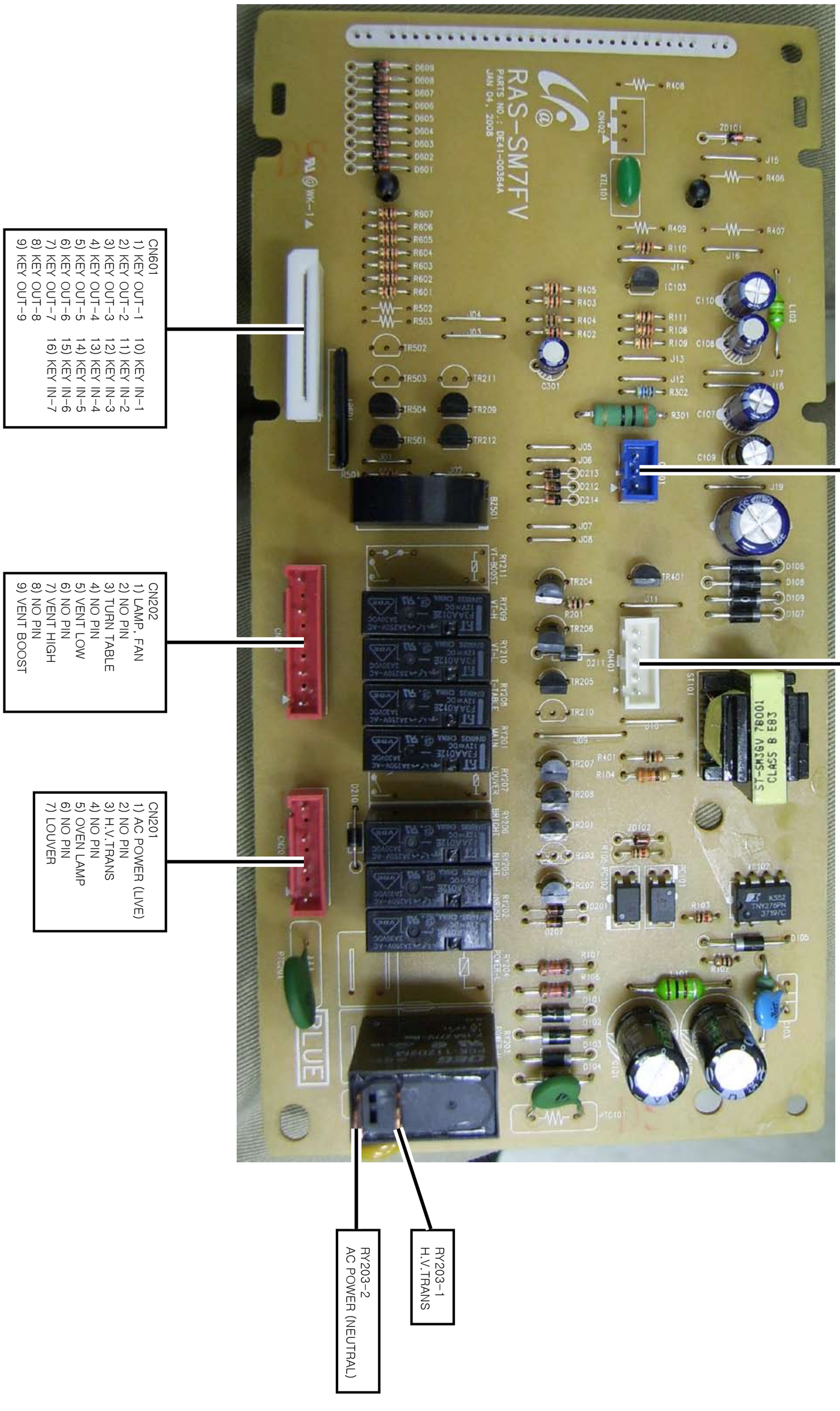

6-1 PCB Diagrams (01Version)

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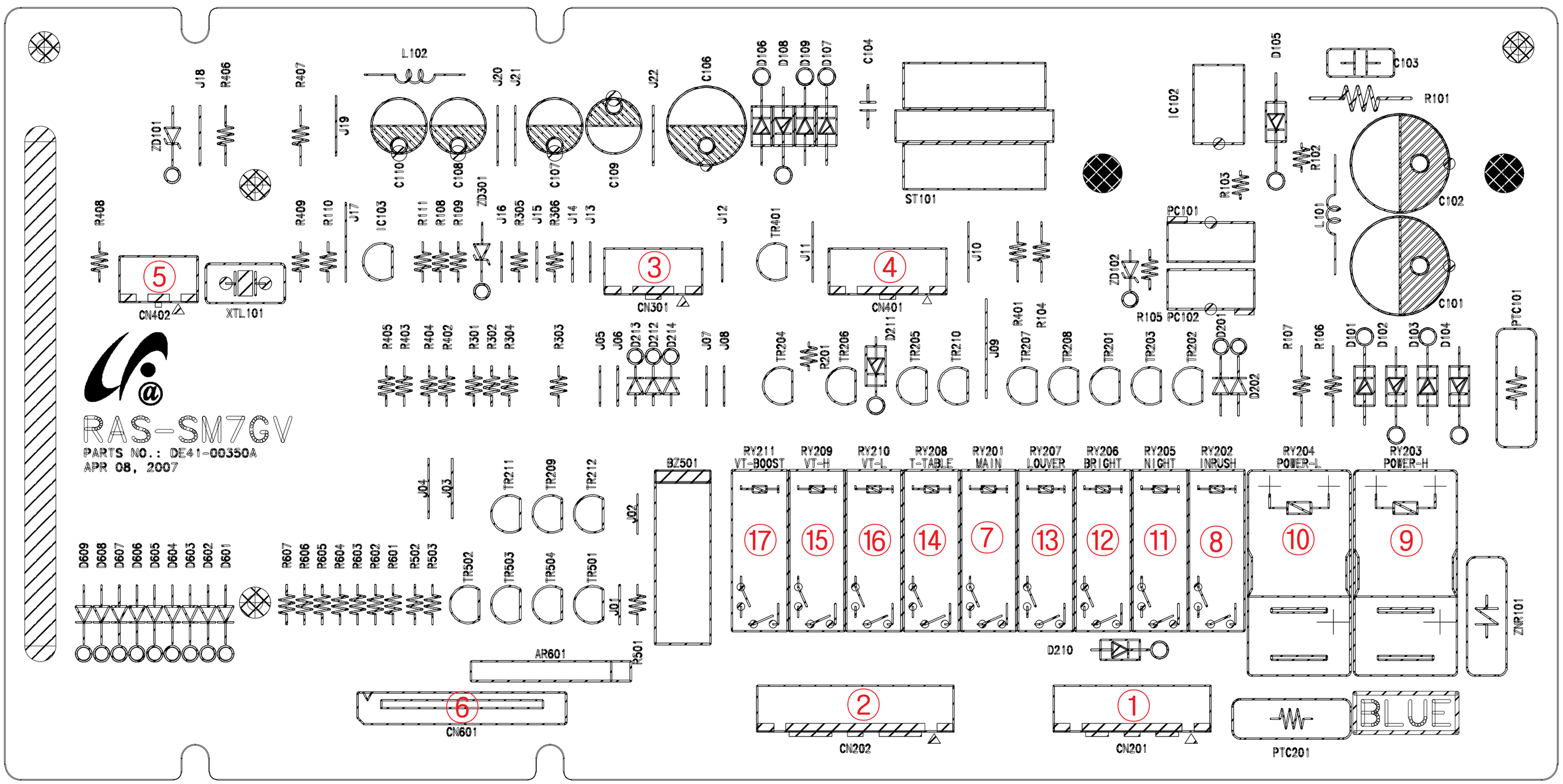

No.	Parts Number	Part Name	Function and Rule
1	CN01	A Terminal for connecting with SMPS Power Supply	A Terminal for Connecting with Inrush Relay, Lamp, Louver and SMPS Power Supply
2	CN202	A Terminal for connecting with T/T and Vent	A Terminal for Connecting with T/T, Vent and SMPS Power supply
3	CN301	A Terminal for connecting with Gas-Sensor	A Terminal for Detecting Gas-Sensor and SMPS Power supply
4	CN401	A Terminal for connecting with Door	A Terminal for Connecting Door and SMPS Power supply
5	CN402	A Terminal for connecting with Louver	A Terminal for Connecting Louver and SMPS Power supply
6	CN601	A Terminal for connecting with Connector	A Terminal for Connecting with Connector and SMPS Power Supply
7	RY201	Main Relay	Power Supply Relay
8	RY202	Inrush Relay	Inrush Electric Current Decrease Device
9	RY203	Power-High Relay	MWO Control Relay (Power High)
10	RY204	Power-Low Relay	MWO Control Relay (Power Low)
11	RY205	Night Relay	Lamp Control Relay
12	RY206	Bright Relay	Lamp Control Relay
13	RY207	Louver Relay	Louver Control Relay
14	RY208	Turn-Table Relay	T/T Control Relay.
15	RY209	Vent-High Relay	Vent Control Relay (Vent high)
16	RY210	Vent-Low Relay	Vent Control Relay (Vent Low)
17	RY211	Vent-Boost Relay	Vent Motor Control

6-2 PCB Diagrams (01Version)

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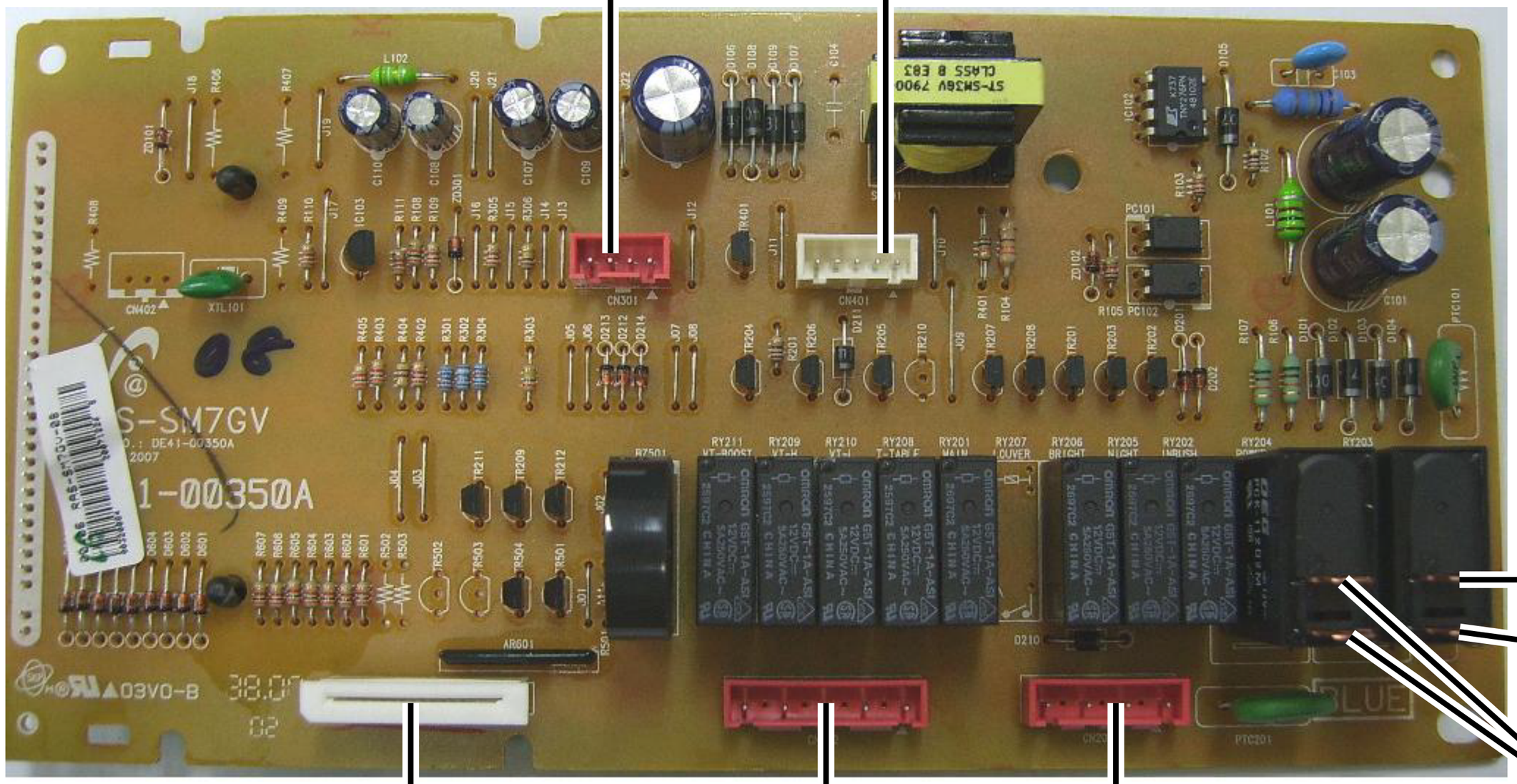

7-1 Wiring Diagrams (00Version)

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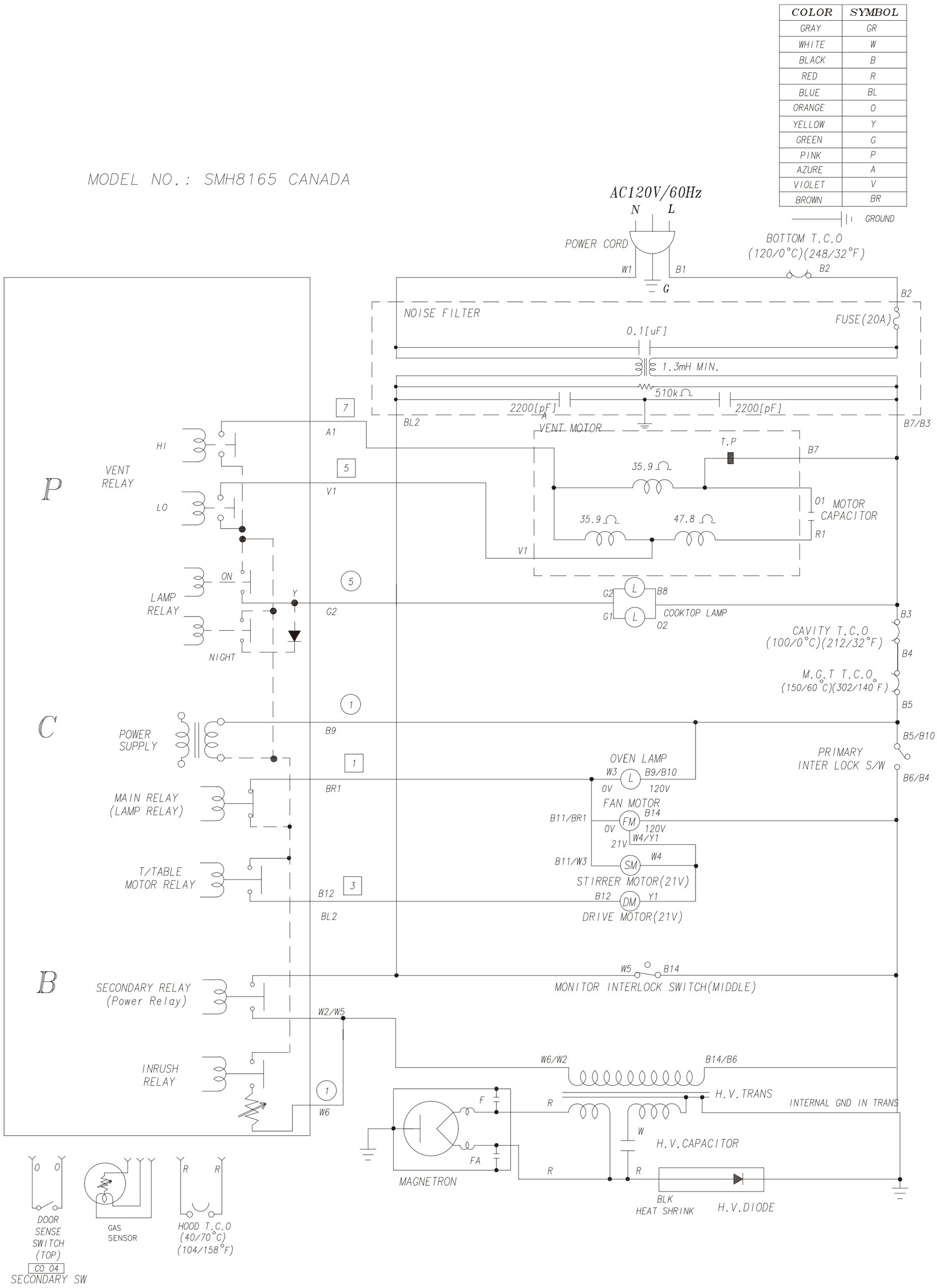

7-1 Wiring Diagrams (00Version)

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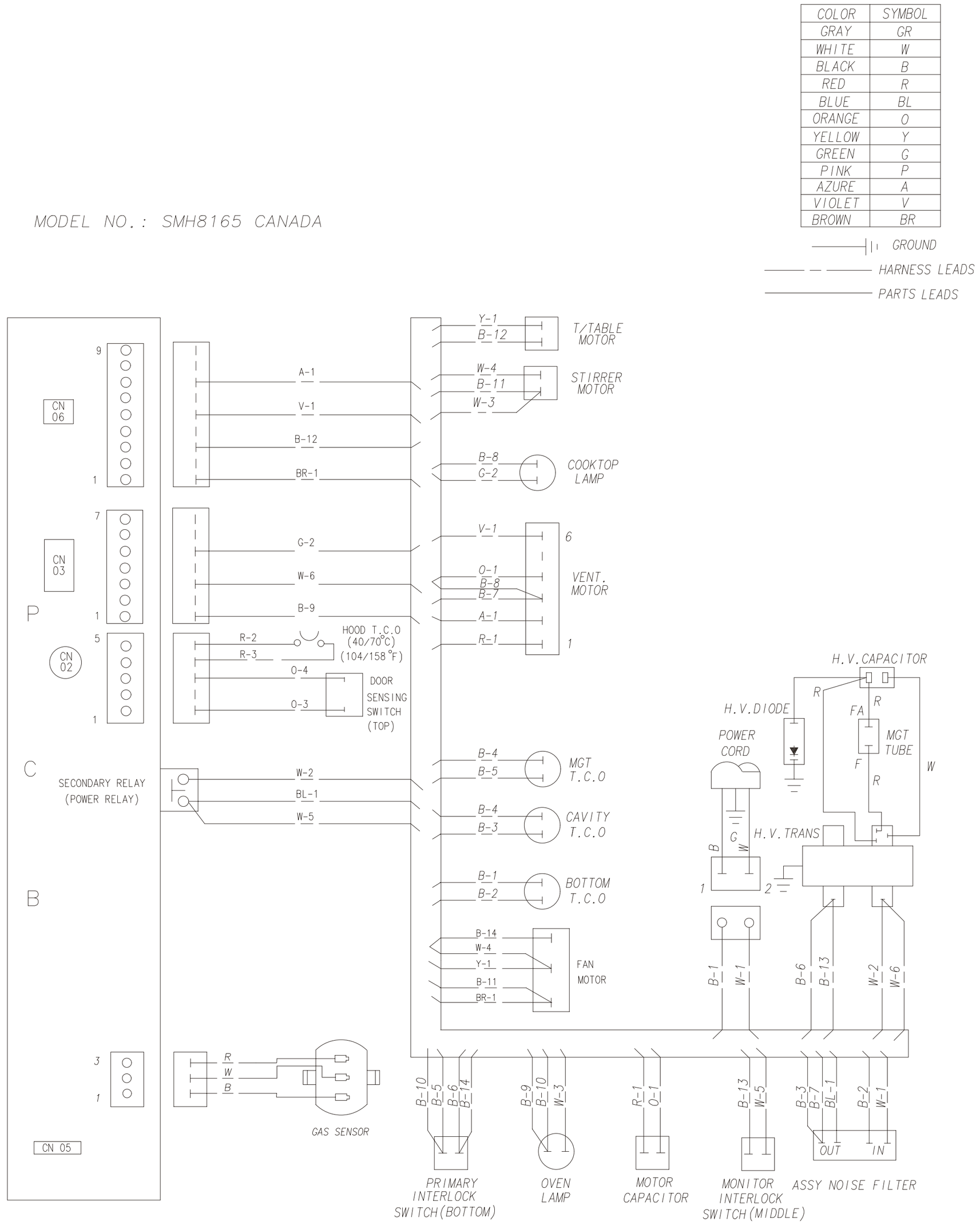

NOTE: FOR SERVICING REPLACEMENT USE 16GA, 105°C
THERMOPLASTIC COVERED WIRE EXCEPT FOR
HIGH VOLTAGE LEADS OR AS NOTED ON SPECIAL LEADS.

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7-1 Wiring Diagrams (01Version)

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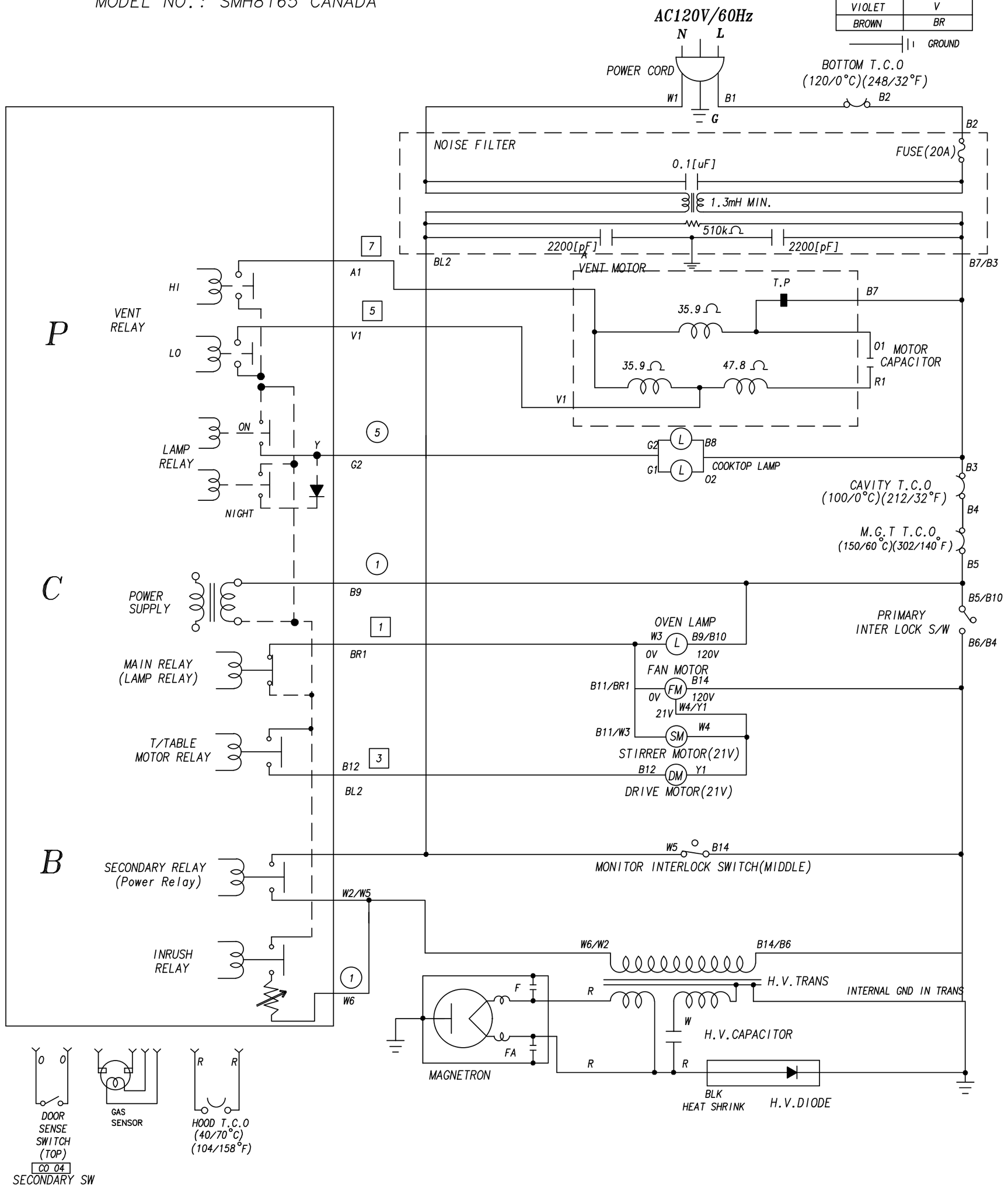
SCHEMATIC DIAGRAM

WARNING

POWER MUST BE DISCONNECTED

BEFORE SERVICING THIS APPLIANCE

MODEL NO.: SMH8165 CANADA



7-1 Wiring Diagrams (01Version)

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WIRING DIAGRAM

WARNING

POWER MUST BE DISCONNECTED

BEFORE SERVICING THIS APPLIANCE

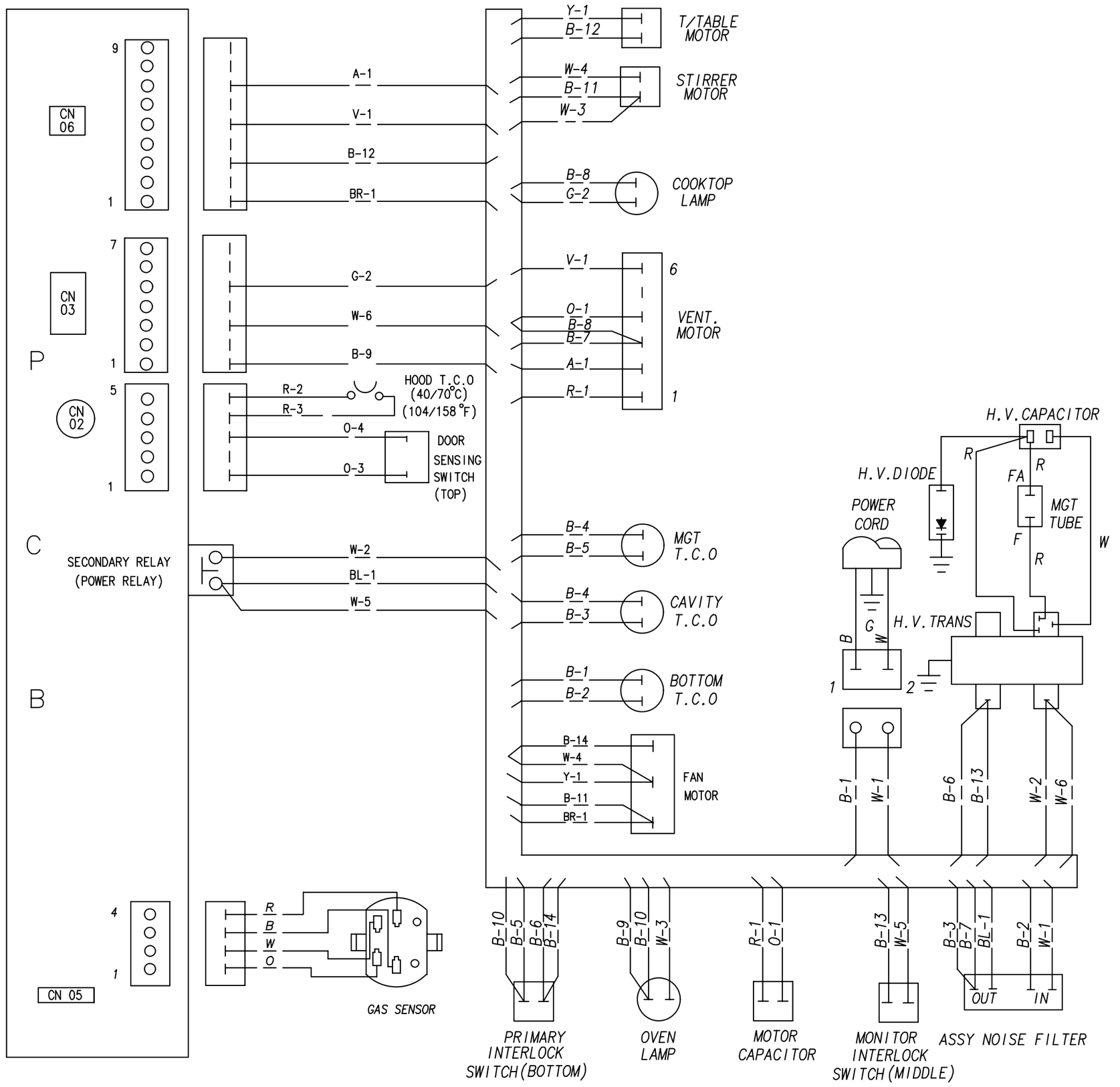
MODEL NO.: SMH8165 CANADA

COLOR	SYMBOL
GRAY	GR
WHITE	W
BLACK	B
RED	R
BLUE	BL
ORANGE	O
YELLOW	Y
GREEN	G
PINK	P
AZURE	A
VIOLET	V
BROWN	BR

GROUND

HARNESS LEADS

PARTS LEADS



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8-1 Schematic Diagrams (00Version)

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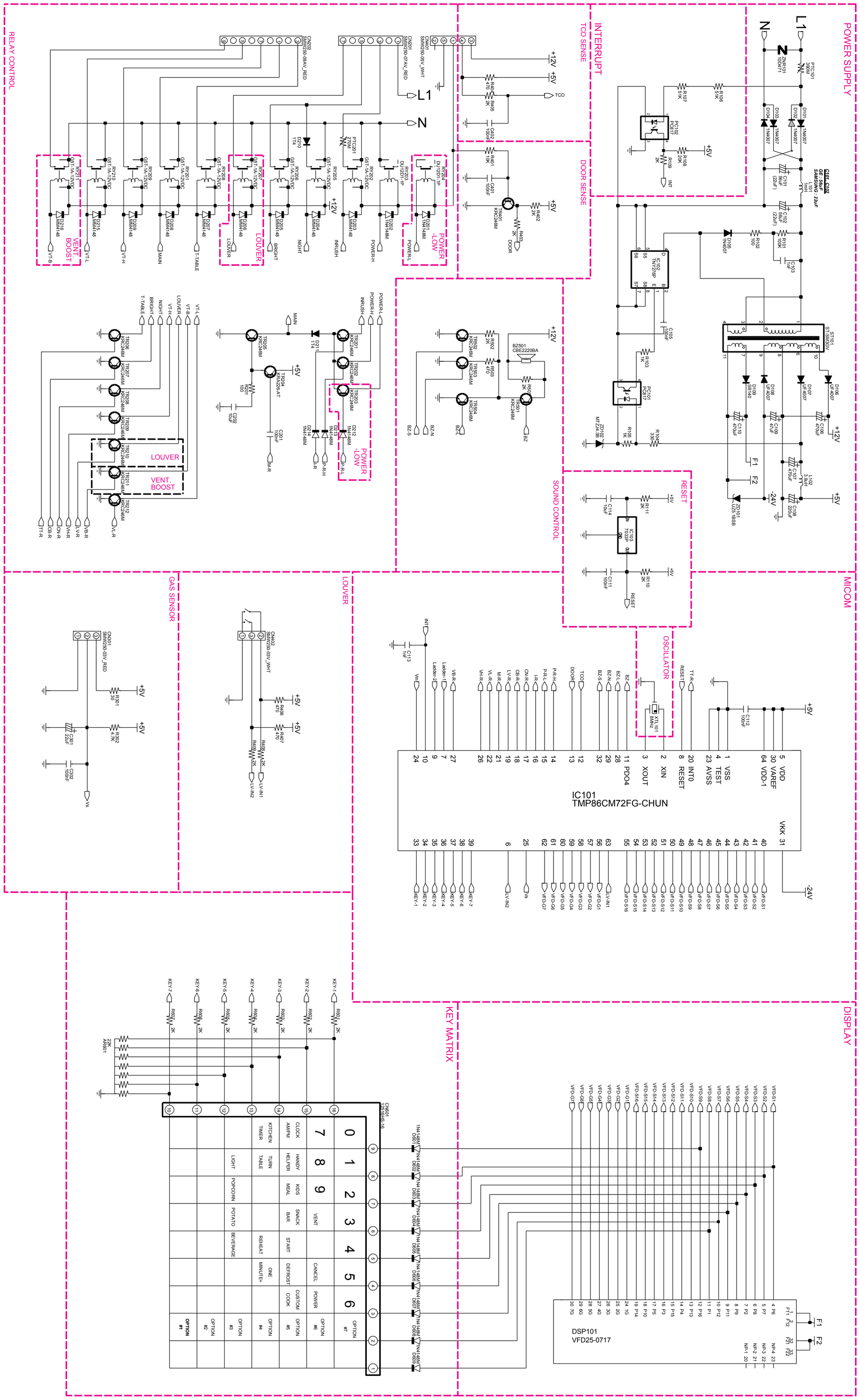

8-1 Schematic Diagrams (01Version)

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